

# SAFETY PRODUCTS CATALOG 2010



**INDUSTRIAL SAFETY GROUP**

**SPERIAN**  
Protection you can trust



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Uvex® safety eyewear is offered for sale by Sperian Protection exclusively in the Americas.

**⚠WARNING!** Uvex® equipment should only be used in conjunction with the manufacturer's instructions. Failure to follow such instructions could result in serious injury including diminution or loss of vision.



TOGETHER, WE CAN BUILD A CULTURE OF SAFETY.

We realize keeping people safe takes more than a few corporate memos and a breakroom poster. It means understanding people on a human level to drive the kind of cultural changes that make people want to be safe. These changes won't happen on their own, but we can help by providing industry-leading products, educational tools and programs to get them started.



INSPIRING SAFETY™  
[www.uvex.us](http://www.uvex.us)



EYE & FACE PROTECTION

RESPIRATORY PROTECTION

INSTRUMENTATION

HAND & ARM PROTECTION

HEARING PROTECTION

FALL PROTECTION

HARLEY-DAVIDSON®



**UVEX™**  
by SPERIAN

INSPIRING SAFETY™  
[www.uvex.us](http://www.uvex.us)

For more information or to order products on this page,  
please call Customer Care at 800 430-5490.

# These worksites are different.

That's why we created **Specifix™**

We designed four styles of safety glasses to fit the needs of workers according to their environment. The result is safer, more comfortable eye protection that helps build a stronger culture of safety.



**Uvex VersaPro™**  
 Ideal for assembly line work, shipping, machine operation and other light manufacturing tasks.



**Uvex PrecisionPro™**  
 Ideal for quality control, inspection, technical applications, lab work, aerospace, fine maintenance and mechanics.



**Uvex ExtremePro™**  
 Ideal for foundries, chemical plants, metalworking, machining, pulp and paper, shipbuilding or oil and gas industries.



**Uvex SolarPro™**  
 Ideal for construction, utility line work, landscaping, oil and gas industries and other outdoor applications.

# The Uvex® Advantage

Delivering enduring products that can be worn with confidence is one of the ways Sperian is helping to build a culture of safety in the workplace. We've leveraged years of research and technological developments to deliver high-performance eye and face products that provide superior protection and long-term value. These include best-in-class lens coatings that perform under the harshest conditions; task-specific lens tints that optimize visual acuity; impact resistance that exceeds industry standards; and a lifetime frame guarantee that backs up our promise to each and every worker who puts on a pair of Uvex® eyewear. It's about providing peace of mind, and it's about inspiring safety in the minds of workers everywhere.

## Superior Lens Coating Technology

Whether the problem is lenses that fog or lenses that scratch, Uvex® lens coatings offer a solution for almost any working environment.

- **NEW Supra-dura™ Advanced Anti-Scratch Coating**  
For high particulate environments where lens scratching is a severe problem, our new Supra-dura advanced anti-scratch coating lasts 5x\* longer than any other anti-scratch coating on the market today.
- **Ultra-dura® Anti-scratch Coating**  
Our Ultra-dura anti-scratch coating is still one of the toughest, all-around anti-scratch coatings available. Permanently bonded to the lens, the Ultra-dura coating will not wear off after repeated cleanings and offers both superior scratch and chemical resistance.
- **NEW Uvextreme® Plus Advanced Anti-fog Coating**  
Our industry-leading anti-fog coating has been enhanced to last twice as long as before. Uvextreme Plus protects lenses from fogging and moisture build-up longer, so you can focus on your work, not your eyewear.
- **Uvextreme® Anti-fog Coating**  
For maintaining visibility in humid conditions or extreme temperatures, Uvextreme coating consistently delivers exceptional anti-fog protection. Permanently bonded to the lens, Uvextreme is a dual-action coating. When the lens is exposed to extreme moisture or humidity, its hydrophilic (water loving) properties absorb and release moisture from the lens. If the lens reaches a point of saturation, the hydrophobic (water repelling) properties take over, causing the moisture to sheet off the lens.
- **Dura-streme™ Dual Anti-fog/Anti-scratch Coating**  
Our Dura-streme technology provides up to 3x\* more lens life than other anti-fog lenses by bringing together the benefits of Uvextreme anti-fog and Ultra-dura anti-scratch coatings onto a single lens. Our Ultra-dura anti-scratch coating protects the outside of the lens by providing premium scratch and chemical resistance, while the Uvextreme anti-fog coated interior helps keep vision clear in environments where heat, mist and physical exertion are typical.

\*Comparative lens life test performed using a Bayer Abrasion Test method and may vary between environment and application.



## Spectrum Control Technology® (SCT)

Sperian offers a wide range of task-specific lens tint options designed for use in various applications. Uvex® SCT lens tints incorporate unique dyes that absorb select wavelengths of light. By suppressing specific wavelengths, these tints provide functional assistance for specialized viewing tasks, such as in low light; under halogen, sodium vapor or fluorescent lighting; in bright sunlight; near high heat; or for torch welding, brazing or cutting.



## Military Velocity Sub-Zero Ballistic Impact Protection

For even greater security and protection from the unexpected, the core line of Uvex® safety eyewear has undergone and passed Military V<sub>0</sub> ballistic impact testing. This means each of these eyewear styles can withstand impact energies 7x greater than the impact tests required by ANSI and CSA. Why be that much better than the standard? Because you can never be too safe.



## Lifetime Frame Guarantee

Sperian stands behind its Uvex® product offering 100% — no questions asked! All Uvex® styles that offer replacement lenses come with our Lifetime Frame Guarantee. If something should happen to the eyewear during the course of normal use, regardless of age, simply send it in and we'll replace it. This guarantee is part of our commitment to quality and customer satisfaction.

# Safety Eyewear

EYE & FACE PROTECTION

RESPIRATORY PROTECTION

INSTRUMENTATION

HAND & ARM PROTECTION

HEARING PROTECTION

FALL PROTECTION

HARLEY-DAVIDSON®



**The most widely used safety spectacle on the market.**

**Demanded by workers on the job due to its traditional styling, comfortable fit and economical lens replacement system.**

Duoflex® comfort-cushion temples are a standard feature on most models. Don't settle for an imposter, get the original.

**For product tints and tint suggestions by application, see our Lens Charts on pages 33-34.**

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## NEW! Uvex Ambient™ OTG

- Exceptional peripheral vision and coverage in a lightweight, wrap-around uni-lens design
- Available with multiple high-performance coating options
- Soft, flexible nasal fingers conform to a variety of facial profiles and minimize slippage
- Bendable, wire-core temples offer flexibility with a secure, customized fit
- Offered in two lens sizes (medium and large) to fit a variety of users and Rx styles
- Lifetime frame guarantee and economical lens replacement system
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards

Item #	Frame Color/Lens Tint	Coating	Temple Style
S3150	Blue (Large)/Clear	Ultra-dura HC	Bendable Wire-core
S3150X	Blue (Large)/Clear	Uvextreme AF	Bendable Wire-core
S3150D	Blue (Large)/Clear	Dura-streme HC/AF	Bendable Wire-core
S3151	Blue (Large)/Amber	Ultra-dura HC	Bendable Wire-core
S3151X	Blue (Large)/Amber	Uvextreme AF	Bendable Wire-core
S3152	Blue (Large)/Standard Gray	Ultra-dura HC	Bendable Wire-core
S3152X	Blue (Large)/Standard Gray	Uvextreme AF	Bendable Wire-core
S3153	Blue (Large)/Shade 3.0	Ultra-dura HC	Bendable Wire-core
S3155	Blue (Large)/Shade 5.0	Ultra-dura HC	Bendable Wire-core

Additional SKUs available – see full SKU listing at end of Uvex section

## Uvex Astrospec 3000®

- Lightweight unilens offers panoramic vision
- Lifetime frame guarantee and economical lens replacement system
- Adjustable lens inclination and temple length
- Custom imprinting available
- Meets military V<sub>0</sub> ballistic test for impact
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in USA

Item #	Frame Color/Lens Tint	Coating	Temple Style
S135	Black/Clear	Ultra-dura HC	Spatula
S1359	Black/Clear	Ultra-dura HC	Duoflex
S135C	Black/Clear	Uvextreme AF	Spatula
S1359C	Black/Clear	Uvextreme AF	Duoflex
S136	Black/Gray	Ultra-dura HC	Spatula
S1369	Black/Gray	Ultra-dura HC	Duoflex
S136C	Black/Gray	Uvextreme AF	Spatula
S1360	Black/Light Gray	Ultra-dura HC	Spatula
S145	Black/Amber	Ultra-dura HC	Spatula
S137	Black/Silver Mirror	Ultra-dura HC	Spatula
S1379	Black/Silver Mirror	Ultra-dura HC	Duoflex
S112	Black/SCT-Low IR	Ultra-dura HC	Spatula
S1361	Black/SCT-Gray	Ultra-dura HC	Spatula
S1362C	Black/SCT-Vermilion	Uvextreme AF	Spatula
S13659X	Black/SCT-Blue	Uvextreme AF	Duoflex
S111029	Black/Shade 2.0 Infra-dura	Ultra-dura HC	Duoflex
S1111	Black/Shade 3.0 Infra-dura	Ultra-dura HC	Spatula
S1112	Black/Shade 5.0 Infra-dura	Ultra-dura HC	Spatula

Additional SKUs available – see full SKU listing at end of Uvex section



# Safety Eyewear

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HARLEY-DAVIDSON<sup>®</sup>

## Uvex Astrospec 3000<sup>®</sup> S (Slim)

- Same features and benefits as the Uvex Astrospec 3000<sup>®</sup>
- 10 mm smaller for employees with slender facial profiles
- Lifetime frame guarantee and economical lens replacement system
- Meets military V<sub>0</sub> ballistic test for impact
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in USA

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S2700	Black/Clear	Ultra-dura HC	Spatula
S2700C	Black/Clear	Uvextreme AF	Spatula
S2701	Black/Gray	Ultra-dura HC	Spatula
S2701C	Black/Gray	Uvextreme AF	Spatula
S2709	Black/Shade 5.0 Infra-dura	Ultra-dura HC	Spatula

Additional SKUs available – see full SKU listing at end of Uvex section



S2710

## Uvex Astrospec 3000<sup>®</sup> CB (Custom Bridge)

- Same adjustability features as the Uvex Astrospec 3000<sup>®</sup>
- Designed to fit low profile nasal areas and high profile cheeks
- Lifetime frame guarantee and economical lens replacement system
- Meets ANSI Z87+ (High Impact) standard
- Made in USA

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S2200	Black/Clear	Ultra-dura HC	Spatula
S2200C	Black/Clear	Uvextreme AF	Spatula



S2200

## Uvex Astrospec 3000<sup>®</sup> S CB (Slim Custom Bridge)

- Same adjustability features as the Uvex Astrospec 3000<sup>®</sup>
- Designed to fit low profile nasal areas and 10 mm smaller for employees with slender facial profiles
- Lifetime frame guarantee and economical lens replacement system
- Meets ANSI Z87+ (High Impact) standard
- Made in USA

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S2212	Blue/Clear	Ultra-dura HC	Spatula



S2212



For descriptions and chemical resistance, see our Coating Chart on page 35.

For more information or to order products on this page, please call Customer Care at 800 430-5490.

# Safety Eyewear

EYE & FACE PROTECTION



S2500

## Uvex Astrospec<sup>®</sup> OTG 3001

- Same features as the Uvex Astrospec 3000<sup>®</sup> with attractive OTG (over-the-glass) styling
- An economical alternative to expensive Rx eyewear
- Lifetime frame guarantee and economical lens replacement system
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in USA

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S2500	Black/Clear	Ultra-dura HC	Duoflex
S2500C	Black/Clear	Uvextreme AF	Duoflex
S2501	Black/Amber	Ultra-dura HC	Duoflex
S2504	Black/Gray	Ultra-dura HC	Duoflex
S2504C	Black/Gray	Uvextreme AF	Duoflex
S2505	Black/SCT-Low IR	Ultra-dura HC	Duoflex
S2506	Black/SCT-Gray	Ultra-dura HC	Duoflex
S2508	Black/Shade 3.0 Infra-dura	Ultra-dura HC	Duoflex
S2509	Black/Shade 5.0 Infra-dura	Ultra-dura HC	Duoflex

Additional SKUs available – see full SKU listing at end of Uvex section



S2572

## Uvex Astrospec Rx<sup>®</sup> 3003

- Propionate carrier can be fitted with Rx lenses
- Same adjustability features as the Uvex Astrospec 3000<sup>®</sup>
- Carrier and lenses may be tinted
- Lifetime frame guarantee
- Made in USA

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S2570	Black/Clear	N/A	Duoflex
S2572	Blue/Clear	N/A	Duoflex
S2574	Patriot RWB/Clear	N/A	Duoflex



S1730

## Bandido<sup>®</sup>

- Economical, frameless version of the Bandit<sup>™</sup>
- Replacement lenses not available
- Accent colors: black and hot red
- Meets ANSI Z87+ (High Impact) standard
- Made in USA

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S1730	Black/Clear	Ultra-dura HC	Spatula
S1730X	Black/Clear	Uvextreme AF	Spatula
S1731	Black/Esspresso	Ultra-dura HC	Spatula
S1732	Black/Amber	Ultra-dura HC	Spatula

**For product tints and tint suggestions by application, see our Lens Charts on pages 33-34.**

For more information or to order products on this page, please call Customer Care at 800 430-5490.

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HARLEY-DAVIDSON<sup>®</sup>

## Bandit™

- Contemporary styling, sporty wrap-around temples provide non-slip fit and comfort
- Adjustable temple length
- Lifetime frame guarantee and economical lens replacement system
- Meets military V<sub>0</sub> ballistic test for impact
- Meets ANSI Z87+ (High Impact) standard
- Made in USA, mirror lenses made in China

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S1600	Black/Clear	Ultra-dura HC	Spatulite
S1600X	Black/Clear	Uvextreme AF	Spatulite
S1601	Black/Amber	Ultra-dura HC	Spatulite
S1603	Black/Esspresso	Ultra-dura HC	Spatulite
S1603X	Black/Esspresso	Uvextreme AF	Spatulite
S1604	Black/Gold Mirror	Ultra-dura HC	Spatulite
S1606	Black/SCT-Reflect 50	Ultra-dura HC	Spatulite
S1607	Black/Red Mirror	Ultra-dura HC	Spatulite

Additional SKUs available – see full SKU listing at end of Uvex section



## NEW! Uvex ExtremePro™

- MoistureWick™ brow accessory absorbs and wicks away perspiration to keep lenses clear in hot environments
- Can be worn with or without browbar accessory
- Choose from NEW Supra-Dura™ advanced anti-scratch, new Uvextreme® Plus anti-fog or Dura-streme™ dual HC/AF coating options
- GripClick™ frame width adjustment ensures a comfortable fit for most face sizes
- FlexFit™ bendable temples and nosepiece for a more comfortable, customized fit
- Ratcheting temples adjust the lens angle for a close fit
- Lifetime frame guarantee and economical lens replacement system
- Replaceable nosepiece and brow accessory
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards



**When conditions are at their worst, Uvex ExtremePro™ is at its best.**

With a MoistureWick™ browbar to keep perspiration out of eyes, and our new coatings options – Uvextreme® Plus, our strongest anti-fog coating, and Supra-dura™, our advanced anti-scratch coating that resists scratching 5x longer than other coatings on the market – Uvex ExtremePro holds up in the harshest environments.

**For descriptions and chemical resistance, see our Coating Chart on page 35.**

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
SX0300	Black & Gray/Clear	Supra-dura HC	Bendable Wire-core
SX0300XP	Black & Gray/Clear	Uvextreme Plus AF	Bendable Wire-core
SX0300D	Black & Gray/Clear	Dura-streme HC/AF	Bendable Wire-core
SX0301	Black & Gray/Esspresso	Supra-dura HC	Bendable Wire-core
SX0301XP	Black & Gray/Esspresso	Uvextreme Plus AF	Bendable Wire-core
SX0301D	Black & Gray/Esspresso	Dura-streme HC/AF	Bendable Wire-core
SX0303	Black & Gray/Silver Mirror	Supra-dura HC	Bendable Wire-core
SX0304	Black & Gray/SCT-Reflect 50	Supra-dura HC	Bendable Wire-core
SX0307	Black & Gray/Shade 3.0 Infra-dura	Supra-dura HC	Bendable Wire-core
SX0308	Black & Gray/Shade 5.0 Infra-dura	Supra-dura HC	Bendable Wire-core
SX0312	Black & Gray/Dark Gray	Supra-dura HC	Bendable Wire-core
SX0312XP	Black & Gray/Dark Gray	Uvextreme Plus AF	Bendable Wire-core

Additional SKUs available – see full SKU listing at end of Uvex section

For more information or to order products on this page, please call Customer Care at 800 430-5490.

# Safety Eyewear

EYE & FACE PROTECTION



## Falcon®

- Sleek, frameless design with wrap-around 9-base unilens
- Weightless (22 grams) comfort and superior coverage providing complete and unobstructed vision
- Lifetime frame guarantee and economical lens replacement system
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in USA

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S4500	Black/Clear	Ultra-dura HC	Spatulite
S4500X	Black/Clear	Uvextreme AF	Spatulite
S4501	Black/Espresso	Ultra-dura HC	Spatulite
S4501X	Black/Espresso	Uvextreme AF	Spatulite
S4502X	Black/Amber	Uvextreme AF	Spatulite
S4503	Black/Gold Mirror	Ultra-dura HC	Spatulite
S4504	Black/SCT-Reflect 50	Ultra-dura HC	Spatulite

## Uvex FitLogic®

- Revolutionary browbar self-adjusts for a secure fit
- Smart nosepiece and sliding temple length adjust to fit most faces
- Lifetime frame guarantee and economical lens replacement system
- MMT – Multi-Material Technology® cushions all points of contact
- 100% dielectric
- Meets military V<sub>0</sub> ballistic test for impact
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Most styles made in USA. All styles assembled in USA



Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S0400	Black and Silver/Clear	Ultra-dura HC	Cushioned
S0400X	Black and Silver/Clear	Uvextreme AF	Cushioned
S0401	Black and Silver/Gray	Ultra-dura HC	Cushioned
S0401X	Black and Silver/Gray	Uvextreme AF	Cushioned
S0402	Black and Silver/Amber	Ultra-dura HC	Cushioned
S0403	Black and Silver/Silver Mirror	Ultra-dura HC	Cushioned
S0404	Black and Silver/SCT-Reflect 50	Ultra-dura HC	Cushioned
S0405X	Black and Silver/SCT-Gray	Uvextreme AF	Cushioned
S0406X	Black and Silver/SCT-Vermilion	Uvextreme AF	Cushioned
S0407X	Black and Silver/SCT-Blue	Uvextreme AF	Cushioned

Additional SKUs available – see full SKU listing at end of Uvex section

**For product tints and tint suggestions by application, see our Lens Charts on pages 33-34.**

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HARLEY-DAVIDSON®

# Safety Eyewear

## Uvex FitLogic® Reading Magnifiers

- Same extensive offering of features as the Uvex FitLogic®
- Offers increased magnification for reading, inspection and fine detail work
- Individual bifocal readers molded directly into lens in +1.5, +2.0 and +2.5 diopter strengths
- Lifetime frame guarantee and economical lens replacement system
- Meets ANSI Z87+ (High Impact) standard



S0471

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S0471	Black and Silver/Clear +1.5 Diopter	Ultra-dura HC	Cushioned
S0472	Black and Silver/Clear +2.0 Diopter	Ultra-dura HC	Cushioned
S0473	Black and Silver/Clear +2.5 Diopter	Ultra-dura HC	Cushioned

## Flashback®

- Classic dual lens look in a single lens design
- Lifetime frame guarantee and economical lens replacement system
- Excellent peripheral protection
- Adjustable Duoflex® cushioned temple length and lens inclination
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in USA



S4000C

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S4000	Black/Clear	Ultra-dura HC	Duoflex
S4000C	Black/Clear	Uvextreme AF	Duoflex
S4001	Black/Gray	Ultra-dura HC	Duoflex
S4001C	Black/Gray	Uvextreme AF	Duoflex
S4004	Black/Shade 2.0 Infra-dura	Ultra-dura HC	Duoflex
S4005	Black/Shade 3.0 Infra-dura	Ultra-dura HC	Duoflex
S4006	Black/Shade 5.0 Infra-dura	Ultra-dura HC	Duoflex

## Flashlite® HC

- Economical frameless version of the Flashback®
- Replacement lenses not available
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in USA

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S4300	Black/Clear	Ultra-dura HC	Spatula
S4300C	Black/Clear	Uvextreme AF	Spatula



S4300C

**For descriptions and chemical resistance, see our Coating Chart on page 35.**

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HARLEY-DAVIDSON®

**Engineered for comfort, protection and style, the Genesis is the number one selling premium eyewear in the market, delivering an incredible range of superior product benefits.**

**Built with MMT– Multi-Material Technology® and a high level of adjustability, Genesis provides workers with extraordinary all-day comfort and raises the bar on compliance.**



3240X



S3760

## Genesis®

- Unparalleled comfort, protection and style
- Dual 9-base wrap-around lens provides uncompromised peripheral vision and protection
- Soft flexible fingers adjust and conform to almost any nasal profile and reduce slippage
- Soft elastomer browguard diffuses and deflects impact
- Available with a variety of high-performance lens coating options
- Lifetime frame guarantee and economical lens replacement system
- Adjustable temple length and lens inclination
- Meets military V<sub>0</sub> ballistic test for impact
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in USA, mirror lenses made in China

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S3200	Black/Clear	Ultra-dura HC	Spatulite
S3200-ADV	Black Adv TPE/Clear	Ultra-dura HC	Spatulite
S3200X	Black/Clear	Uvextreme AF	Spatulite
S3200X-ADV	Black Adv TPE/Clear	Uvextreme AF	Spatulite
S3200D	Black/Clear	Dura-streme AF/HC	Spatulite
S3201	Black/Esspresso	Ultra-dura HC	Spatulite
S3201X	Black/Esspresso	Uvextreme AF	Spatulite
S3202	Black/Amber	Ultra-dura HC	Spatulite
S3202X	Black/Amber	Uvextreme AF	Spatulite
S3203	Black/Gold Mirror	Ultra-dura HC	Spatulite
S3204	Black/SCT-Reflect 50	Ultra-dura HC	Spatulite
S3205X	Black/SCT-Gray	Uvextreme AF	Spatulite
S3206	Black/Shade 2.0 Infra-dura	Ultra-dura HC	Spatulite
S3207	Black/Shade 3.0 Infra-dura	Ultra-dura HC	Spatulite
S3208	Black/Shade 5.0 Infra-dura	Ultra-dura HC	Spatulite
S3209	Black/SCT-Low IR	Ultra-dura HC	Spatulite
S3210X	Black/SCT-Vermilion	Uvextreme AF	Spatulite
S3211X	Black/SCT-Blue	Uvextreme AF	Spatulite
S3212X	Black/Dark Gray	Uvextreme AF	Spatulite
S3213X	Black/50% Gray	Uvextreme AF	Spatulite

Additional SKUs available – see full SKU listing at end of Uvex section

## NEW! Genesis® Reading Magnifiers

- Same cushioned comfort and adjustment features as Genesis®
- Available in multiple lens tints and five diopter strengths from +1.0 to +3.0
- Lifetime frame guarantee and economical lens replacement system
- Meets ANSI Z87+ (High Impact) standard
- Made in USA

Item #	Frame Color/Lens Tint	Lens Coating	Magnification
S3760	Black/Clear	Ultra-dura HC	+1.0
S3761	Black/Clear	Ultra-dura HC	+1.5
S3762	Black/Clear	Ultra-dura HC	+2.0
S3763	Black/Clear	Ultra-dura HC	+2.5
S3764	Black/Clear	Ultra-dura HC	+3.0

Additional SKUs available – see full SKU listing at end of Uvex section

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HARLEY-DAVIDSON<sup>®</sup>

## NEW! Genesis<sup>®</sup> S (Slim)

- Same cushioned comfort features as Genesis<sup>®</sup>
- Smaller frame for workers with slimmer faces
- Ratcheting temples adjust lens inclination for a customized fit
- Padded temple and tips provide all-day comfort
- Lifetime frame guarantee and economical lens replacement system
- Meets military V<sub>0</sub> ballistic test for impact
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in USA



Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S3700	Pewter & Black/Clear	Ultra-dura HC	Cushioned
S3700X	Pewter & Black/Clear	Uvextreme AF	Cushioned
S3700D	Pewter & Black/Clear	Dura-streme HC/AF	Cushioned
S3701	Pewter & Black/Gray	Ultra-dura HC	Cushioned
S3701X	Pewter & Black/Gray	Uvextreme AF	Cushioned
S3702	Pewter & Black/Amber	Ultra-dura HC	Cushioned
S3702X	Pewter & Black/Amber	Uvextreme AF	Cushioned
S3703	Pewter & Black/SCT-Reflect 50	Ultra-dura HC	Cushioned
S3704	Pewter & Black/Dark Gray	Ultra-dura HC	Cushioned

Additional SKUs available – see full SKU listing at end of Uvex section

## Genesis XC<sup>™</sup>

- Same cushioned comfort and adjustability features as Genesis<sup>®</sup>
- Extended wrap-around lens for up to 20% more extra cheek and side coverage
- Rx lens insert available
- Available with a variety of high-performance lens coating options
- Available with cushioned temples for all-day comfort
- Lifetime frame guarantee and economical lens replacement system
- Meets military V<sub>0</sub> ballistic test for impact
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in USA



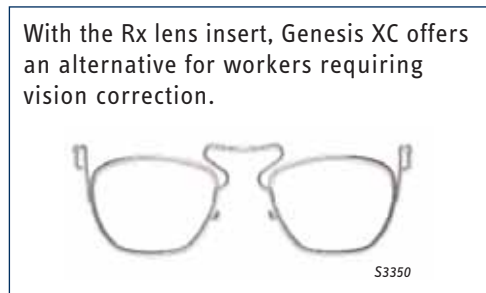
Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S3300	Black/Clear	Ultra-dura HC	Cushioned
S3300-ADV	Black Adv TPE/Clear	Ultra-dura HC	Cushioned
S3300X	Black/Clear	Uvextreme AF	Cushioned
S3300X-ADV	Black Adv TPE/Clear	Ultra-dura HC	Cushioned
S3300D	Black/Clear	Dura-streme HC/AF	Cushioned
S3301	Black/Gray	Ultra-dura HC	Cushioned
S3301X	Black/Gray	Uvextreme AF	Cushioned
S3302	Black/SCT-Reflect 50	Ultra-dura HC	Cushioned
S3303X	Black/SCT-Gray	Uvextreme AF	Cushioned
S3304X	Black/SCT-Low IR	Uvextreme AF	Cushioned
S3305	Black/Shade 2.0 Infra-dura	Ultra-dura HC	Cushioned
S3306	Black/Shade 3.0 Infra-dura	Ultra-dura HC	Cushioned
S3307	Black/Shade 5.0 Infra-dura	Ultra-dura HC	Cushioned
S3308	Black/Silver Mirror	Ultra-dura HC	Cushioned
S3309	Black/Amber	Ultra-dura HC	Cushioned
S3310X	Black/50% Gray	Uvextreme AF	Cushioned
S3311X	Black/SCT-Vermilion	Uvextreme AF	Cushioned
S3312X	Black/SCT-Blue	Uvextreme AF	Cushioned

Additional SKUs available – see full SKU listing at end of Uvex section

**The Genesis XC<sup>™</sup> eyewear sets the standard for extra coverage and extra comfort on the job.**

**The Genesis XC provides all-day comfort and coverage, and especially for prescription lens wearers, nothing protects like Genesis XC.**

With the Rx lens insert, Genesis XC offers an alternative for workers requiring vision correction.



**For descriptions and chemical resistance, see our Coating Chart on page 35.**

For more information or to order products on this page, please call Customer Care at 800 430-5490.

# Safety Eyewear

EYE & FACE PROTECTION

**The Genesis X2<sup>®</sup> adds a new level of sports-inspired style to the number one selling line of premium safety eyewear.**



## Genesis X2<sup>®</sup>

- Same cushioned comfort features as Genesis<sup>®</sup>
- Dual 9-base wrap-around lens provides uncompromised peripheral vision, side protection and aggressive styling
- Ratcheting temples allow customized lens inclination
- Available with a variety of high-performance lens coating options
- Lifetime frame guarantee and economical lens replacement system
- Meets military V<sub>0</sub> ballistic test for impact
- Meets ANSI Z87+ (High Impact) standard
- Made in USA



Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S3520	Black and Yellow/Clear	Ultra-dura HC	Cushioned
S3520-ADV	Black Adv.TPE/Clear	Ultra-dura HC	Cushioned
S3520D	Black and Yellow/Clear	Dura-streme HC/AF	Cushioned
S3520X	Black and Yellow/Clear	Uvextreme AF	Cushioned
S3520X-ADV	Black Adv.TPE/Clear	Uvextreme AF	Cushioned
S3521	Black and Yellow/Esspresso	Ultra-dura HC	Cushioned
S3521X	Black and Yellow/Esspresso	Uvextreme AF	Cushioned
S3522	Black and Yellow/Amber	Ultra-dura HC	Cushioned
S3523	Black and Yellow/Gold Mirror	Ultra-dura HC	Cushioned
S3524	Black and Yellow/SCT-Reflect 50	Ultra-dura HC	Cushioned
S3530X	Black and Yellow/SCT-Vermilion	Uvextreme AF	Cushioned
S3531X	Black and Yellow/SCT-Blue	Uvextreme AF	Cushioned
S3532X	Black and Yellow/Gray	Uvextreme AF	Cushioned
S3533X	Black and Yellow/50% Gray	Uvextreme AF	Cushioned

Additional SKUs available – see full SKU listing at end of Uvex section

## Uvex Horizon<sup>™</sup>

- Classic flip-up style offers versatility for workers in unique environments
- Shaded lens protects against high intensity light sources, and clear polycarbonate lens for superior protection against flying particles
- Meets ANSI Z87+ (High Impact) standard



Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S212	Black/Clear with Shade 3.0	Hardcoat	Spatula with Metal Core
S213	Black/Clear with Shade 5.0	Hardcoat	Spatula with Metal Core
S214	Black/Clear with Cobalt Blue	Hardcoat	Spatula with Metal Core

**For product tints and tint suggestions by application, see our Lens Charts on pages 33-34.**

For more information or to order products on this page, please call Customer Care at 800 430-5490.

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HARLEY-DAVIDSON<sup>®</sup>



# Safety Eyewear

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HARLEY-DAVIDSON®

## Uvex Ignite®

- Sleek, sporty, wrap-around, close-to-the-face protection and superior coverage
- Lightweight frameless design offers unobstructed vision
- Two bold temple styles available: hot metallic red/silver or black/silver
- Unisex design appeals to a broad range of workers
- Saddle pad nosepiece reduces slippage and provides a personalized fit
- Soft temple tip pads ensure a fit that is both comfortable and secure
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards



S4410

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S4410	Metallic Red and Silver/Clear	Hardcoat	Cushioned
S4410X	Metallic Red and Silver/Clear	Uvextra AF	Cushioned
S4411	Metallic Red and Silver/Gray	Hardcoat	Cushioned
S4411X	Metallic Red and Silver/Gray	Uvextra AF	Cushioned
S4412	Metallic Red and Silver/SCT-Reflect 50	Hardcoat	Cushioned
S4413	Metallic Red and Silver/Silver Mirror	Hardcoat	Cushioned

Additional SKUs available – see full SKU listing at end of Uvex section

## NEW! Uvex Milan™ (Photochromic Safety Eyewear)

- 8-base dual lens design provides superior coverage and a sleek, stylish look
- Changes from light to dark in 8 seconds (Visible Light Transmission of 21%)
- Changes from dark to light in 60 seconds (Visible Light Transmission of 86%)
- Lightweight frame with spring-hinge temples for comfort and durability
- Wire-core temples flex and bend for a personalized fit
- Adjustable saddle pad nosepiece provides a comfortable fit and reduces slippage
- Microfiber storage bag is included and doubles as a cleaning cloth
- Meets ANSI Z87+ (High Impact) standard



S4025

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S4025	Silver and Blue/Photochromic	Hardcoat	Bendable Wire-core

## Uvex Millennia™

- Lightweight frame and wrap-around unilens for superior side and brow protection
- Comfortable universal nose bridge
- Meets military V<sub>0</sub> ballistic test for impact
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in the USA

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
11150350	Black/Clear	Ultra-dura HC	Bayonette
11150351	Black/Gray	Ultra-dura HC	Bayonette
11150352	Black/Amber	Ultra-dura HC	Bayonette
11150353	Black/SCT-Reflect 50	Ultra-dura HC	Bayonette
11150354	Black/Silver Mirror	Ultra-dura HC	Bayonette
11150367	Black/SCT-Low IR	Ultra-dura HC	Bayonette
11150368	Black/SCT-Gray	Ultra-dura HC	Bayonette
11150355	Black/Clear	Uvextreme AF	Bayonette
11150356	Black/Gray	Uvextreme AF	Bayonette

Additional SKUs available – see full SKU listing at end of Uvex section



11150355

**For descriptions and chemical resistance, see our Coating Chart on page 35.**

For more information or to order products on this page, please call Customer Care at 800 430-5490.

# Safety Eyewear

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HARLEY-DAVIDSON®



S2140

## Pivot®

- Advanced, two-toned sport-style frame with textured detail
- Wrap-around 8-base lens design offers exceptional coverage
- Ratcheting temple angle adjustment
- Ventilation channels minimize fogging
- Lifetime frame guarantee and economical lens replacement system
- Meets military V<sub>0</sub> ballistic test for impact
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S2140	Black and Silver/Clear	Ultra-dura HC	Cushioned
S2140X	Black and Silver/Clear	Uvextreme AF	Cushioned
S2141	Black and Silver/Gray	Ultra-dura HC	Cushioned
S2141X	Black and Silver/Gray	Uvextreme AF	Cushioned
S2142X	Black and Silver/Amber	Uvextreme AF	Cushioned
S2143	Black and Silver/Blue Ice Mirror	Ultra-dura HC	Cushioned
S2144	Black and Silver/Hot Orange Mirror	Ultra-dura HC	Cushioned
S2145	Black and Silver/SCT-Reflect 50	Ultra-dura HC	Cushioned

Additional SKUs available – see full SKU listing at end of Uvex section



S4100

## Uvex® Polarized Safety Eyewear

- Comfortable, attractive sunglass styling
- Polarized lenses allow the wearer to see fine detail and deep colors
- Helps eliminate eye strain, eye fatigue, discomfort, and poor visual acuity
- Adjustable saddle-pad nosepiece improves comfort and fit
- Meets ANSI Z87+ (High Impact) standard

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S4100	Brushed Silver Metal/Gray Polarized	Hardcoat	Padded Metal Tips

**For jobs where seeing every detail in perfect clarity is critical, Uvex PrecisionPro™ is the answer.**

Uvex PrecisionPro features SCT Spectrum Control Technology® lens tints for optimized, task-specific viewing, and Supra-dura™ advanced anti-scratch coating that resists scratching 5x longer than other coatings on the market.

## NEW! Uvex PrecisionPro™

- Ultra-lightweight frameless design delivers all-day comfort and unobstructed views
- Precision optics are ideal for quality control, inspection, lab work, or technical applications
- Specialized, task-specific SCT Spectrum Control Technology® lens tints optimize lighting and enhance visual perception
- Choose from NEW Supra-Dura™ advanced anti-scratch or Uvextreme® anti-fog coating options
- FlexFit™ bendable temples and nosepiece for a more comfortable, customized fit
- Ratcheting temples adjust the lens angle for a close fit
- Replaceable nosepiece
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards



SX0200

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
SX0200	Clear	Supra-dura HC	Bendable Wire-core
SX0200X	Clear	Uvextreme AF	Bendable Wire-core
SX0202	Amber	Supra-dura HC	Bendable Wire-core
SX0209	SCT-Low IR	Supra-dura HC	Bendable Wire-core
SX0210X	SCT-Vermillion	Uvextreme AF	Bendable Wire-core
SX0211X	SCT-Blue	Uvextreme AF	Bendable Wire-core
SX0213X	50% Gray	Uvextreme AF	Bendable Wire-core
SX0214	Blue Mist	Supra-dura HC	Bendable Wire-core

**For product tints and tint suggestions by application, see our Lens Charts on pages 33-34.**

For more information or to order products on this page, please call Customer Care at 800 430-5490.

# Safety Eyewear

## Uvex Protégé®

- Proprietary floating lens design offers increased flexibility and fit
- Ultra lightweight design at only 27.5 grams, weighs less than one ounce
- Secure wrap-around brow expands to fit a wide range of users
- Soft temple tip pads provide a secure fit
- Soft, clear nose pads prevent slipping
- Meets military V<sub>0</sub> ballistic test for impact
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Lifetime frame guarantee
- Made in USA

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S4200	Metallic Black/Clear	Ultra-dura HC	Cushioned
S4200X	Metallic Black/Clear	Uvextreme AF	Cushioned
S4201	Metallic Black/Gray	Ultra-dura HC	Cushioned
S4201X	Metallic Black/Gray	Uvextreme AF	Cushioned
S4202	Metallic Black/SCT-Reflect 50	Ultra-dura HC	Cushioned
S4200XC	Metallic Black/Clear	Ultra-dura HC	Cushioned
S4200XXC	Metallic Black/Clear	Uvextreme AF	Cushioned
S4201XC	Metallic Black/Gray	Ultra-dura HC	Cushioned
S4201XXC	Metallic Black/Gray	Uvextreme AF	Cushioned
S4202XC	Metallic Black/SCT-Reflect 50	Ultra-dura HC	Cushioned
S4203	Metallic Black/Silver Mirror	Ultra-dura HC	Cushioned
S4221XC	Metallic Black/SCT-Blue	Ultra-dura HC	Cushioned
S4221XXC	Metallic Black/SCT-Blue	Uvextreme AF	Cushioned
S4222XC	Metallic Black/Amber	Ultra-dura HC	Cushioned
S4222XXC	Metallic Black/Amber	Uvextreme AF	Cushioned

Additional SKUs available – see full SKU listing at end of Uvex section

## NEW! Uvex Seismic™ (Sealed Eyewear)

- Provides protection against impact, sun, wind, dust and airborne debris
- Can be worn with temples or headband to address most applications
- Soft and flexible nasal pads conform to a variety of facial profiles and minimize slippage
- Soft, high-quality face cushioning and padded temple tips offer all-day comfort
- Highly adjustable flame-resistant headband provides excellent fit
- Available with a black or metallic blue frame
- Available with a variety of high performance lens coating options
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards. (ANSI-certified for use with and without cushion-lined frame)

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S0600	Black/Clear	Hardcoat	Cushioned/Headband
S0600X	Black/Clear	Uvextra AF	Cushioned/Headband
S0600D	Black/Clear	Dura-streme HC/AF	Cushioned/Headband
S0601X	Black/Esspresso	Uvextra AF	Cushioned/Headband
S0602X	Black/Amber	Uvextra AF	Cushioned/Headband
S0604X	Black/SCT-Reflect 50	Uvextra AF	Cushioned/Headband

Additional SKUs available – see full SKU listing at end of Uvex section

The Uvex Protégé® combines sports-styling with lightweight comfort and flexible design.

Whether in construction, heavy manufacturing, utilities or various clean industries, with the Uvex Protégé, workers get the protection they need with the comfort and style they want.



Designed for long-term performance and all-day comfort, the Uvex Seismic™ can improve workers' productivity in the most demanding work environments.

Uvex Seismic can be worn with temples or headband and with and without the cushioned foam subframe for the ultimate flexibility on the job.



For descriptions and chemical resistance, see our Coating Chart on page 35.

For more information or to order products on this page, please call Customer Care at 800 430-5490.

# Safety Eyewear

EYE & FACE PROTECTION



## Skyline®

- 10 mm smaller than Skyper® for employees with slender facial profiles
- Lifetime frame guarantee and economical lens replacement system
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in USA

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S2000	Black/Clear	Ultra-dura HC	Spatulite
S2000X	Black/Clear	Uvextreme AF	Spatulite
S2001X	Black/Esspresso	Uvextreme AF	Spatulite
S2003	Black/SCT-Reflect 50	Ultra-dura HC	Spatulite

## Skyper®

- Wrap-around protective eyewear offers exceptional comfort, protection and fit
- Lifetime frame guarantee and economical lens replacement system
- Adjustable temple length and lens inclination
- Meets military V<sub>0</sub> ballistic test for impact
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in USA

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S1900	Black/Clear	Ultra-dura HC	Duoflex
S1900X	Black/Clear	Uvextreme AF	Duoflex
S1901	Black/Esspresso	Ultra-dura HC	Duoflex
S1901X	Black/Esspresso	Uvextreme AF	Duoflex
S1902	Black/Amber	Ultra-dura HC	Duoflex
S1903	Black/Gold Mirror	Ultra-dura HC	Duoflex
S1904X	Black/SCT-Gray	Uvextreme AF	Duoflex
S1905	Black/SCT-Reflect 50	Ultra-dura HC	Duoflex
S1906	Black/Shade 2.0 Infra-dura	Ultra-dura HC	Duoflex
S1907	Black/Shade 3.0 Infra-dura	Ultra-dura HC	Duoflex
S1908	Black/Shade 5.0 Infra-dura	Ultra-dura HC	Duoflex
S1930X	Black/SCT-Low IR	Uvextreme AF	Duoflex
S1931X	Black/SCT-Vermilion	Uvextreme AF	Duoflex
S1932X	Black/SCT-Blue	Uvextreme AF	Duoflex
S1933X	Black/SCT-Orange	Uvextreme AF	Duoflex
S1934X	Black/Gray	Uvextreme AF	Duoflex



**For product tints and tint suggestions by application, see our Lens Charts on pages 33-34.**

For more information or to order products on this page, please call Customer Care at 800 430-5490.

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HARLEY-DAVIDSON®

# Safety Eyewear

## Skyper X2®

- Sporty, wrap-around version of Skyper®
- Lifetime frame guarantee and economical lens replacement system
- Meets military V<sub>0</sub> ballistic test for impact and ANSI Z87+ (High Impact) standard
- Made in USA

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S2810	Black/Clear	Ultra-dura HC	Spatulite
S2810X	Black/Clear	Uvextreme AF	Spatulite
S2811	Black/Amber	Ultra-dura HC	Spatulite
S2812	Black/Espresso	Ultra-dura HC	Spatulite
S2812X	Black/Espresso	Uvextreme AF	Spatulite
S2813X	Black/SCT-Gray	Uvextreme AF	Spatulite
S2814	Black/Gold Mirror	Ultra-dura HC	Spatulite
S2815	Black/SCT-Reflect 50	Ultra-dura HC	Spatulite



## Uvex Slate™

- Sleek, lightweight metal frame with dual-lens design offers protection and modern style
- Flexible spring hinge temples and soft, adjustable, rubber temple tips offer extended comfort and a custom fit
- Adjustable saddle pad nosepiece adds comfort and helps prevent slippage
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S4110	Matte Gunmetal/Clear	Hardcoat	Padded Metal Tips
S4110X	Matte Gunmetal/Clear	Uvextra AF	Padded Metal Tips
S4111	Matte Gunmetal/Gray	Hardcoat	Padded Metal Tips
S4111X	Matte Gunmetal/Gray	Uvextra AF	Padded Metal Tips
S4112	Matte Gunmetal/Gold Mirror	Hardcoat	Padded Metal Tips



## NEW! Uvex SolarPro™

- Sport-inspired wrap-around design provides superior peripheral vision and side protection
- Available in a variety of lens tints including mirrors, polarized and photochromic to help reduce solar glare and eye fatigue
- Choose from NEW Supra-Dura™ advanced anti-scratch, Uvextreme® anti-fog or Dura-streme™ dual HC/AF coating options
- Soft, flexible nosepiece and temple tips prevent slippage and provide a comfortable fit
- Ratcheting temples adjust the lens angle for a close fit
- 100% dielectric
- Meets ANSI Z87+ (High Impact) standard

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
SX0400	Gray/Clear	Supra-dura HC	Cushioned
SX0400X	Gray/Clear	Uvextreme AF	Cushioned
SX0401	Gray/Gray	Supra-dura HC	Cushioned
SX0401X	Gray/Gray	Uvextreme AF	Cushioned
SX0401D	Gray/Gray	Dura-streme HC/AF	Cushioned
SX0402	Gray/SCT Reflect 50	Supra-dura HC	Cushioned
SX0403	Gray/Silver Mirror	Hardcoat	Cushioned
SX0404	Gray/Blue Mirror	Hardcoat	Cushioned
SX0405	Gray/Polarized	Hardcoat	Cushioned
SX0406	Gray/Photochromic	Anti-Fog/Hardcoat	Cushioned



**For when protection from the sun is crucial to performance.**

Uvex SolarPro™ delivers optimum peripheral vision and comfort in environments where protection from the sun is crucial to performance. Uvex SolarPro features high performance sun glass tints and mirrors as well as photochromic and polarized lens options.

**For descriptions and chemical resistance, see our Coating Chart on page 35.**

For more information or to order products on this page, please call Customer Care at 800 430-5490.

# Safety Eyewear

EYE & FACE PROTECTION



## Spitfire®

- Sleek, frameless design with wrap-around 9-base unilens
- Adjustable temple length
- Lifetime frame guarantee and economical lens replacement system
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in USA

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S1800	Black/Clear	Ultra-dura HC	Spatulite
S1800X	Black/Clear	Uvextreme AF	Spatulite
S1801	Black/Esspresso	Ultra-dura HC	Spatulite
S1801X	Black/Esspresso	Uvextreme AF	Spatulite
S1802	Black/Amber	Ultra-dura HC	Spatulite
S1803	Black/Gold Mirror	Ultra-dura HC	Spatulite



## Tomcat®

- Sleek wrap-around metal frame design provides a sporty and stylish look
- Adjustable saddle nose pads for improved fit and comfort
- Spring-hinge temples with soft temple tips for a comfortable fit
- Meets ANSI Z87+ (High Impact) standard



Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S2450	Gunmetal/Clear	Hardcoat	Padded Metal Tips
S2451	Gunmetal/Gray	Hardcoat	Padded Metal Tips
S2453	Gunmetal/Silver Mirror	Hardcoat	Padded Metal Tips
S2454	Gunmetal/Mirror 50	Hardcoat	Padded Metal Tips

## Uvex U2®

- Sporty wrap-around design
- Adjustable temple length
- Lifetime frame guarantee and economical lens replacement system
- Meets military V<sub>0</sub> ballistic test for impact
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in USA



Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S3100	Black/Clear	Ultra-dura HC	Spatulite
S3100X	Black/Clear	Uvextreme AF	Spatulite
S3101	Black/Esspresso	Ultra-dura HC	Spatulite
S3101X	Black/Esspresso	Uvextreme AF	Spatulite
S3102	Black/Amber	Ultra-dura HC	Spatulite
S3103	Black/Gold Mirror	Ultra-dura HC	Spatulite
S3104	Black/SCT-Reflect 50	Ultra-dura HC	Spatulite

**For product tints and tint suggestions by application, see our Lens Charts on pages 33-34.**

For more information or to order products on this page, please call Customer Care at 800 430-5490.

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HARLEY-DAVIDSON®

# Safety Eyewear

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HARLEY-DAVIDSON®

## Ultra-spec® 1000

- Ideal safety eyewear for visitors
- Uncoated 100% polycarbonate wrap-around unilens design with solid sideshields
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in USA

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S300CS	Clear/Clear	Uncoated	Spatula
S302SS	Black/Clear	Uncoated	Spatula
S305CS	Clear/Gray	Uncoated	Spatula
S301CS	Clear/Clear	Uncoated	Spatula



S300CS

## Ultra-spec® 2000

- Coated 100% polycarbonate wrap-around unilens design
- Adjustable temple length
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in USA

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S0390	Clear/Clear	Ultra-dura HC	Standard
S0250X	Clear/Clear	Uvextreme AF	Spatula
S0300	Clear/Clear	Ultra-dura HC	Spatula
S0290X	Amber/Amber	Uvextreme AF	Spatula
S0340	Amber/Amber	Ultra-dura HC	Spatula
S0391	Gray/Gray	Ultra-dura HC	Standard
S0280X	Gray/Gray	Uvextreme AF	Spatula
S0330	Gray/Gray	Ultra-dura HC	Spatula
S0360X	Orange/SCT-Orange	Uvextreme AF	Spatula



S0250X

## Ultra-spec® 2001 OTG

- Lightweight over-the-glass unilens design fits over most Rx eyewear
- Adjustable Duoflex® cushioned temples
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in USA

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S0112	Clear/Clear	Ultra-dura HC	Duoflex
S0112C	Clear/Clear	Uvextreme AF	Duoflex
S0113	Gray/Gray	Ultra-dura HC	Duoflex
S0113C	Gray/Gray	Uvextreme AF	Duoflex



S0112C



**For descriptions and chemical resistance, see our Coating Chart on page 35.**

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Safety Eyewear

**Uvex VersaPro™ offers streamlined design for light industrial applications where comfort and versatility are essential.**

Uvex VersaPro features FlexFit™ bendable temples and nosepiece for customizable comfort, SCT Spectrum Control Technology® lens tints for optimized, task-specific viewing, and Supra-dura™ advanced anti-scratch coating that resists scratching 5x longer than other coatings on the market.



### NEW! Uvex VersaPro™

- Sleek, streamlined lens provides excellent coverage and protection
- FlexFit™ bendable temples and nosepiece for a more comfortable fit
- Available in two sizes to better fit a variety of users (medium is 7% smaller than the large)
- Ratcheting temples adjust the lens angle for a close fit
- Choose from NEW Supra-Dura™ advanced anti-scratch, Uvextreme® anti-fog or Dura-streme™ dual HC/AF coating options
- Lifetime frame guarantee and economical lens replacement system
- Replaceable nosepiece
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards

Item #	Lens Tint	Description
SX0100	Blue & Black (Medium)/Clear	Supra-dura HC Bendable Wire-core
SX0100X	Blue & Black (Medium)/Clear	Uvextreme AF Bendable Wire-core
SX0101	Blue & Black (Medium)/Espresso	Supra-dura HC Bendable Wire-core
SX0101X	Blue & Black (Medium)/Espresso	Uvextreme AF Bendable Wire-core
SX0102	Blue & Black (Medium)/Amber	Supra-dura HC Bendable Wire-core
SX0102X	Blue & Black (Medium)/Amber	Uvextreme AF Bendable Wire-core
SX0103	Blue & Black (Medium)/Silver Mirror	Supra-dura HC Bendable Wire-core
SX0104	Blue & Black (Medium)/SCT-Reflect 50	Supra-dura HC Bendable Wire-core
SX0105X	Blue & Black (Medium)/SCT-Gray	Uvextreme AF Bendable Wire-core

Additional SKUs available – see full SKU listing at end of Uvex section

## Specialty Eyewear



32-0LFF08-0000



32-8LFFB3-0000



S4150

### Uvex 870 Series (Klip Lifts for Safety Glasses)

- Converts existing plastic safety eyewear into furnace or laboratory viewing safety eyewear
- Integral spring clip holds 870 Series securely without screws, fasteners or tools
- Fits safety eyewear with 48mm S7-shaped plastic frames (Uvex S4150)
- Available with replaceable half or full lenses in green welding shades 4, 5, 6, 8; cobalt blue shades 6, 8; and didymium full 48mm lift front filters

### Uvex 880 Series (Klip Lifts for Hard Hat Visors)

- Fits onto hard hat or bump cap brims
- Worn in conjunction with existing protective eyewear
- Quickly flip down to enhance vision, then flip up when not needed
- Integral spring clip holds 880 Series securely without screws, fasteners or tools
- Available with half or full lenses in green welding shades 4, 5, 6, 8; cobalt blue shades 3, 4, 6, 8; and green glare reducing shade 3

### Uvex S4150

- S7-shaped, 48mm plastic safety frame designed to fit 870 Series Klip Lifts
- Smoke frame with clear polycarbonate lenses and clear sideshields
- Eyewear frame can be fitted with prescription lenses

Item #	Lens Tint	Description
S4150	Clear	Safety Eyewear for Uvex 870 Series Klip Lifts

For product tints and tint suggestions by application, see our Lens Charts on pages 33-34.

For more information or to order products on this page, please call Customer Care at 800 430-5490.



# Safety Goggles

## Uvex Classic<sup>™</sup>

- Four models available for dust, mist or chemical splash – indirect vented, closed vented, indirect hooded; and for dust and mist only – indirect hooded with face foam
- Fits over most Rx spectacles
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards

Item #	Frame Color/Lens Tint	Lens Coating	Description
S350	Clear Body/Clear	Uvextreme AF	Hood Indirect Vent
S350CF*	Clear Body/Clear	Uvextreme AF	Face Foam
S360	Clear Body/Clear	Uvextreme AF	Indirect Vent
S364	Clear Body/Clear	Uvextreme AF	Closed Vent

\*S350CF not for chemical splash applications



S350CF

## Uvex Climazone<sup>™</sup>

- Ski-inspired design for cold and extreme weather conditions
- Replaceable dual pane lens: interior lens with anti-fog coating; exterior lens with scratch resistant hardcoat
- Ventilation system minimizes fogging
- Soft face foam and wide adjustable headband
- Not for chemical splash
- Meets ANSI Z87+ (High Impact) standard

Item #	Frame Color/Lens Tint	Lens Coating	Description
S390	Black Body/Clear	Anti-Fog/Ultra-dura HC	Dual Pane Lens
S391	Black Body/Gray	Anti-Fog/Ultra-dura HC	Dual Pane Lens



S390

## Flex Seal<sup>®</sup>

- Lightweight, silicone body conforms to face to assure the highest level of comfort and eye protection
- Cured silicone body stays soft and supple in extreme temperatures
- Provides exceptional chemical splash and impact resistance
- Low profile and optically correct polycarbonate lens provides full field of vision
- Uvextreme<sup>®</sup> AF anti-fog coating and indirect venting system minimize fogging
- Fits over most prescription eyewear
- Easy and economical lens replacement system
- Pivoting clips permit the wearer to position the goggle on a hard hat or position the headband above the ears
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in USA

Item #	Frame Color/Lens Tint	Lens Coating	Description
S3400X	Navy Body/Clear	Uvextreme AF	Neoprene Headband
S3405X	Navy Body/Clear	Uvextreme AF	Fabric Headband
S3410X	Navy Body/Gray	Uvextreme AF	Neoprene Headband
S3420X	Gray Body/Clear	Uvextreme AF	Neoprene Band
S3425X	Gray Body /Gray	Uvextreme AF	Neoprene Band
S3430X	Navy Body/Shade 3.0 Infra-dura	Uvextreme AF	Neoprene Headband
S3435X	Navy Body/Shade 5.0 Infra-dura	Uvextreme AF	Neoprene Headband

**The Flex Seal<sup>®</sup> goggle is the first industrial OTG (over-the-glass) goggle with an all-silicone body.**

**No other goggle comes close to matching this level of comfort.**

The lightweight, soft silicone body conforms to almost any facial profile and provides an exceptionally snug fit for superior protection even in extreme temperatures. Once workers experience it, they'll never want to wear anything else.



S3420X

**For descriptions and chemical resistance, see our Coating Chart on page 35.**

For more information or to order products on this page, please call Customer Care at 800 430-5490.

# Safety Goggles

EYE & FACE PROTECTION



S1890X

## Fury®

- Sleek, frameless design with wrap-around 9-base unilens
- Suggested for dust and small particulates
- Soft, flame resistant, replaceable face foam and headband
- Easy and economical lens replacement system
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in USA

Item #	Frame Color/Lens Tint	Lens Coating	Description
S1890X	Black/Clear	Uvextreme AF	Flame Resistant Headband

## Uvex Futura™

- Wrap-around sports style provides excellent panoramic vision
- Indirect venting increases air flow and frosted brow guard reduces glare
- Two models: welding and dust/mist/impact/chemical splash
- Fits over most Rx eyewear
- Easy and economical lens replacement system
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards



S345C

Item #	Frame Color/Lens Tint	Lens Coating	Description
S345C	Clear/Clear	Uvextreme AF	Indirect Vent, Neoprene Band
S347C	Black/Shade 3.0 Infra-dura	Uvextreme AF	Indirect Vent, Neoprene Band
S348C	Black/Shade 5.0 Infra-dura	Uvextreme AF	Indirect Vent, Neoprene Band

**Never before have goggles offered such unsurpassed comfort and protection as well as sleek, futuristic styling.**

The Uvex Stealth® goggle features new design, technologies and materials to create new levels of worker comfort and acceptance. They make it easy, and even fashionable, to wear goggles on the job.

## Favorite End-User Goggle

- Soft, supple seal around the face
- Easy and economical lens replacement system
- Offered with Dura-streme™ coating technology



S3960C

## Uvex Stealth®

- Futuristic, low profile design for chemical splash and impact
- Toric lens provides superior optics and peripheral vision
- Rx insert available
- Easiest lens replacement system available
- Indirect ventilation system and high-performance lens coatings minimize fogging
- Quick-adjust headband
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in USA

Item #	Frame Color/Lens Tint	Lens Coating	Description
S3960C	Gray and Gray/Clear	Uvextreme AF	Neoprene Band
S3960D	Gray and Gray/Clear	Dura-streme HC/AF	Neoprene Band
S3960CI	Gray and Gray/Clear	Uvextreme AF	Fabric Headband
S3961C	Gray and Gray/Gray	Uvextreme AF	Neoprene Band
S3962C	Gray and Gray/Amber	Uvextreme AF	Neoprene Band
S39610C	Teal and Gray/Clear	Uvextreme AF	Neoprene Band
S39611C	Teal and Gray/Gray	Uvextreme AF	Neoprene Band
S39630C	Orange and Gray/Clear	Uvextreme AF	Neoprene Band
S39630CI	Orange and Gray/Clear	Uvextreme AF	Fabric Headband
S39631C	Orange and Gray/Gray	Uvextreme AF	Neoprene Band

For product tints and tint suggestions by application, see our Lens Charts on pages 33-34.

For more information or to order products on this page, please call Customer Care at 800 430-5490.

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HARLEY-DAVIDSON®

# Safety Goggles

## NEW! Uvex Stealth® OTG

- Fits comfortably over most prescription eyewear.
- High quality elastomer body conforms to facial contours for a secure, customized, gap-free fit
- Low-profile, wrap-around style provides complete coverage designed for all-day wear
- Pivoting headband clip and wide adjustable-slide headband provide a range of adjustability (fits comfortably with hard hats)
- Ideal for impact, dust/airborne particles, chemical splash, and optical radiation (UV and welding/heat radiation).
- Available with Dura-streme™ dual anti-fog/anti-scratch coating
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards



Item #	Frame Color/Lens Tint	Lens Coating	Description
S3970D	Navy/Clear	Dura-streme HC/AF	Neoprene
S3971D	Navy/Standard Gray	Dura-streme HC/AF	Neoprene
S3972D	Navy/Amber	Dura-streme HC/AF	Neoprene
S3973D	Navy/Shade 3.0	Dura-streme HC/AF	Neoprene
S3975D	Navy/Shade 5.0	Dura-streme HC/AF	Neoprene
S3970DF	Navy/Clear	Dura-streme HC/AF	Fabric (Logoed)
S3971DF	Navy/Standard Gray	Dura-streme HC/AF	Fabric (Logoed)
S3972DF	Navy/Amber	Dura-streme HC/AF	Fabric (Logoed)

Additional SKUs available – see full SKU listing at end of Uvex section

## Uvex Strategy®

- Lightweight, TPE body provides exceptional comfort and a snug fit for maximum protection
- Available in 4 models for a variety of work applications: direct vent, closed vent, indirect vent and indirect vent with foam lining for fine particle protection
- Uvextra™ AF anti-fog coating minimizes fogging
- Fits over most prescription eyewear
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards

Item #	Frame Color/Lens Tint	Lens Coating	Description
S3800	Gray Body/Clear	Uvextra AF	Direct Vent/Fabric Band
S3805	Gray Body/Clear	Uvextra AF	Closed Vent/Neoprene Band
S3810	Gray Body/Clear	Uvextra AF	Indirect Vent/Neoprene Band
S3815	Gray Body/Clear	Uvextra AF	Indirect Vent with Foam/Fabric Band
S3820	Hot Orange Body/Clear	Uvextra AF	Indirect Vent/Neoprene Band



## Uvex Strategy® Goggle

The industry's only economical over-the-glass (OTG) goggle that delivers both premium comfort and maximum protection.

With a powerful combination of innovative, face-hugging material and a rugged design that withstands the harshest environments, the Uvex Strategy goggle provides protection, peace of mind and total comfort.

For descriptions and chemical resistance, see our Coating Chart on page 35.

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Face Shields

EYE & FACE PROTECTION

### The Bionic<sup>®</sup> Shield redefines technology in the face shield category.

- With over 15 design patents, the Bionic Shield is revolutionary. Its advanced ergonomic design combines superior protection and all-day comfort with the kind of easy-to-use features that workers desire.
- Designed for end users, by end users – the Bionic Shield offers extended chin and top-of-head protection.

With 2,784 possible positions, this highly adjustable headgear tilts the visor nearer or farther from the face, depending on preference and application.

### Bionic<sup>®</sup>

- Enhanced protection from airborne debris
- Excellent optics and increased visibility
- Easily replaceable visor with dual position choices
- Secure visor attachment
- Lightweight and balanced, ergonomic design for extended use
- Comfortable cell foam on back of headgear
- Breathable, removable, washable headband
- Comfortably worn with most goggles and respirators
- Face shield offers secondary protection and must be worn with spectacles or goggles
- Perfect for workers exposed to falling or flying objects, impact, chemical splash, and airborne debris
- Hard hat accessory is compatible with Sperian<sup>®</sup> and other manufacturers' hard hats
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards



S8500

Item #	Visor Tint/Visor Coating	Description
S8500	Clear Polycarbonate/Uncoated	Black Matte Face Shield
S8505	Clear Polycarbonate/Uncoated	Black Matte Face Shield and Hard Hat Adapter (No Suspension)
S8510	Clear Polycarbonate/Anti-fog/Hardcoat	Black Matte Face Shield
S8515	Clear Polycarbonate/Anti-fog/Hardcoat	Black Matte Face Shield and Hard Hat Adapter (No Suspension)

## Accessories

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HARLEY-DAVIDSON<sup>®</sup>



## Uvex<sup>®</sup> Lens Care Products

### Uvex Clear<sup>®</sup> Lens Cleaning Products

- Specifically formulated for anti-fog and scratch resistant hardcoats
- Alcohol- and silicone-free
- Available in a 16 oz. refillable spray, 1 gallon refill or non-abrasive tissues (500/box)
- 500 non-abrasive tissues (S462)

Item #	Description
S462	Uvex Clear Tissues
S463	Uvex Clear Solution
S464	Uvex Clear Refill Solution



For product tints and tint suggestions by application, see our Lens Charts on pages 33-34.

For more information or to order products on this page, please call Customer Care at 800 430-5490.

# Accessories

## Uvex Clear® Permanent Lens Cleaning Station

- Includes 1 – 16 oz. Uvex Clear cleaning solution, 4 boxes of 500 tissues, 3.5" x 4.5" mirror
- Screw mounts and adhesive foam for quick wall mounting
- Measures 22.5" x 12.5"



S461

Item #	Description
S461	Uvex Clear Permanent Station

## Uvex Clear® Portable Cleaning Station

- Portable and disposable station holds 16 oz. of Uvex Clear cleaning spray and 1500 tissues



S467

Item #	Description
S467	Uvex Clear Disposable Lens Station

## Uvex Clear® Towelettes

- Handy pocket size pre-moistened lens cleaning towelettes
- 100 towelettes per box



S468

Item #	Description
S468	Uvex Clear Towelettes

## Uvex® Fog Eliminator Cloths

- Formulated to effectively protect lenses from all types of fogging caused by cold, high humidity or sudden temperature changes
- Safe for all surfaces, including polycarbonate and glass
- Each cloth provides multiple applications
- Streak and film free, alcohol and silicone free
- Non-flammable and non-toxic
- Made in USA



Item #	Description
S477	Uvex Fog Eliminator Cloths



S477

**For descriptions and chemical resistance, see our Coating Chart on page 35.**

For more information or to order products on this page, please call Customer Care at 800 430-5490.

# Accessories

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## Uvex® Cases and Cords

### Uvex® Eyewear Cases

- Fit most Uvex eyewear to protect lenses from scratches and abrasion
- Available in a nylon drawstring pouch, hard case\* or economy case\*\*

Item #	Description
S487	Rip-Stop Nylon Bag Eyewear Case, Black
S489	Hard Eyewear Case with Belt Loop, Black
S490	Economy Eyewear Case, Black

\*Not suitable for Uvex Astrospec 3000® series  
\*\*Not suitable for Uvex Astro OTG® 3001

### Uvex® Packs

- Made of durable nylon, zippers and belt loops
- Available in eyewear and goggle sizes



Item #	Description
S491	Eyewear Pack, Black
S493	Universal Goggle Pack, Black

### Uvex® Hang Cords

- Provide convenient access to safety eyewear and encourage greater compliance
- Available in a universal or snap-fit cord

Item #	Description
S501	Universal Neck Cord, Black
S505D	Snap-Fit Neck Cord for Duoflex Cushioned Temples, Black



# Reference: Application Selection & Technical Information

	Lenses																						
	Clear	Amber	SCT-Vermilion	50% Gray	SCT-Reflect 50	Espresso	Espresso Gold Mirror	Blue Mist	Light Gray	SCT-Gray	Standard Gray	Silver Mirror	Dark Gray	SCT-Low IR	Infra-dura® 2.0	Infra-dura® 3.0	Infra-dura® 5.0	SCT-Orange	SCT-Blue	SCT-Cobalt Blue	Didymium (Glass)	Polarized	
Specifications	VLT (Visual Light Transmission)	92%	90%	55%	50%	50%	15%	15%	86%	35%	15%	15%	15%	10%	80%	35%	14%	2%	45%	57%	0.2%	48%	12%
	UV Absorption (>99.9% unless otherwise noted)	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	80%	99.9%
Applications	Most indoor applications	●						●															
	Low light applications in which contrast may be enhanced		●	●				●															
	Reduce lens glare from fluorescent and halogen lights			●																			
	Outdoor applications where sunlight and glare cause eye strain and fatigue				●	●	●	●		●	●	●	●	●									●
	Indoor/outdoor applications	●	●		●	●																	
	Strong sunlight and glare						●	●			●	●	●	●									●
	Indoor applications where peripheral infrared radiation protection is required (under welding helmets, near welding sites)														●								
	Work areas with high levels of yellow light using sodium vapor lighting																			●			
	Situations with high heat applications such as metal glare and glass blowing																				●	●	
	Torch welding, torch brazing and cutting															●	●	●					
	Reduces eye fatigue by absorbing blue and green light (good for UV lamp exposure)																			●			

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HARLEY-DAVIDSON®





# Reference: Lens Coating Description & Chemical Resistance

Sperian has developed proprietary Uvex® coatings to meet the demands of even the most challenging work environments. Uvextreme® anti-fog coating offers superior performance under the most extreme conditions and will not wear off after repeated cleanings. Uvextreme® Plus offers the same anti-fog performance with extended wear. It is permanently bonded to the lens which helps it retain its anti-scratch, anti-static and UV protection properties. Ultra-dura® hardcoat is one of the toughest anti-scratch coatings in the world. It is also permanently bonded to the lens and offers excellent scratch and chemical resistance. Our new Supra-dura™ advanced anti-scratch coating is superior in high particulate

environments where lens scratching is a severe problem. It lasts 5x\* longer than any other anti-scratch coating on the market today. In addition, Dura-streme™ technology combines the benefits of these industry-leading anti-fog and hardcoats onto one lens. While the advanced anti-fog properties of Uvextreme help keep the interior of the lens clear from fogging, the rugged properties of Ultra-dura hardcoat protect the exterior of the lens from scuffs and scratches, adding up to 3x\* more life to lenses.

**The chemical resistance chart below will help to determine the preferred coating for environments where workers are subject to chemical exposure.**

KEY	Y = Resistant • = Limited resistance N = Not resistant	Ultra-dura Hardcoat	Supra-dura Hardcoat	Uvextreme/ Uvextreme Plus Anti-Fog	Dura-streme Dual Coating	
					(Ultra-dura Lens Exterior)	(Uvextreme Lens Interior)
Chemical	Acetone	Y	Y	N	Y	N
	Ammonia 10%	Y	Y	Y	Y	Y
	Benzene	Y	Y	N	Y	N
	Butanol	Y	Y	Y	Y	Y
	Butyl Acetate	Y	Y	N	Y	N
	Carbon Tetrachloride	Y	Y	Y	Y	Y
	Cyclohexanol	Y	Y	N	Y	N
	Diethylether	Y	Y	Y	Y	Y
	Ethanol	Y	Y	Y	Y	Y
	Ethylene Glycol	Y	Y	Y	Y	Y
	Formic Acid 30%	Y	Y	Y	Y	Y
	Gasoline (normal)	Y	Y	Y	Y	Y
	Gasoline (super)	Y	Y	N	Y	N
	Hydrofluoric Acid	•	•	Y	•	Y
	Hydrofluoric Acid 20%	Y	Y	Y	Y	Y
	Isopropyl Alcohol	Y	Y	•	Y	•
	Methanol	Y	Y	Y	Y	Y
	Methylene Chloride	Y	Y	N	Y	N
	Potassium Carbonate 30%	Y	Y	Y	Y	Y
	Sodium Carbonate 30%	Y	Y	Y	Y	Y
Sulfuric Acid 50%	Y	Y	Y	Y	Y	
Toluene	Y	Y	N	Y	N	
Trichloroethylene	Y	Y	N	Y	N	
Xylene	Y	Y	N	Y	N	

\*Comparative lens life test performed using a Bayer Abrasion Test method and may vary between environment and application.

## Uvex Eye & Face Protection

### Safety Eyewear

#### Uvex Ambient™ OTG

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S3150	Blue (Large)/Clear	Ultra-dura HC	Bendable Wire-core
S3150X	Blue (Large)/Clear	Uvextreme AF	Bendable Wire-core
S3150D	Blue (Large)/Clear	Dura-streme HC/AF	Bendable Wire-core
S3151	Blue (Large)/Amber	Ultra-dura HC	Bendable Wire-core
S3151X	Blue (Large)/Amber	Uvextreme AF	Bendable Wire-core
S3152	Blue (Large)/Standard Gray	Ultra-dura HC	Bendable Wire-core
S3152X	Blue (Large)/Standard Gray	Uvextreme AF	Bendable Wire-core
S3153	Blue (Large)/Shade 3.0	Ultra-dura HC	Bendable Wire-core
S3155	Blue (Large)/Shade 5.0	Ultra-dura HC	Bendable Wire-core
S3160	Blue (Medium)/Clear	Ultra-dura HC	Bendable wire-core
S3160X	Blue (Medium)/Clear	Uvextreme AF	Bendable wire-core
S3161	Blue (Medium)/Amber	Ultra-dura HC	Bendable wire-core
S3162	Blue (Medium)/Standard Gray	Ultra-dura HC	Bendable wire-core
S3163	Blue (Medium)/Shade 3.0	Ultra-dura HC	Bendable wire-core
S3165	Blue (Medium)/Shade 5.0	Ultra-dura HC	Bendable wire-core

#### Replacement Lenses

Item #	Lens Tint	Lens Coating
S6440	Large/Clear	Ultra-dura HC
S6440X	Large/Clear	Uvextreme AF
S6440D	Large/Clear	Dura-streme HC/AF
S6441	Large/Amber	Ultra-dura HC
S6441X	Large/Amber	Uvextreme AF
S6442	Large/Standard Gray	Ultra-dura HC
S6442X	Large/Standard Gray	Uvextreme AF
S6443	Large/Shade 3.0	Ultra-dura HC
S6445	Large/Shade 5.0	Ultra-dura HC
S6450	Medium/Clear	Ultra-dura HC
S6450X	Medium/Clear	Uvextreme AF
S6451	Medium/Amber	Ultra-dura HC
S6452	Medium/Standard Gray	Ultra-dura HC
S6453	Medium/Shade 3.0	Ultra-dura HC
S6455	Medium/Shade 5.0	Ultra-dura HC

#### Uvex Astrospec 3000®

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S135	Black/Clear	Ultra-dura HC	Spatula
S1359	Black/Clear	Ultra-dura HC	Duoflex
S135C	Black/Clear	Uvextreme AF	Spatula
S1359C	Black/Clear	Uvextreme AF	Duoflex
S136	Black/Gray	Ultra-dura HC	Spatula
S1369	Black/Gray	Ultra-dura HC	Duoflex
S136C	Black/Gray	Uvextreme AF	Spatula
S1360	Black/Light Gray	Ultra-dura HC	Spatula
S145	Black/Amber	Ultra-dura HC	Spatula
S137	Black/Silver Mirror	Ultra-dura HC	Spatula
S1379	Black/Silver Mirror	Ultra-dura HC	Duoflex
S112	Black/SCT-Low IR	Ultra-dura HC	Spatula
S1361	Black/SCT-Gray	Ultra-dura HC	Spatula
S1362C	Black/SCT-Vermilion	Uvextreme AF	Spatula
S13659X	Black/SCT-Blue	Uvextreme AF	Duoflex
S111029	Black/Shade 2.0 Infra-dura	Ultra-dura HC	Duoflex
S1111	Black/Shade 3.0 Infra-dura	Ultra-dura HC	Spatula
S1112	Black/Shade 5.0 Infra-dura	Ultra-dura HC	Spatula
S129	Blue/Clear	Ultra-dura HC	Spatula
S129C	Blue/Clear	Uvextreme AF	Spatula
S1299C	Blue/Clear	Uvextreme AF	Duoflex
S130	Blue/Gray	Ultra-dura HC	Spatula
S130C	Blue/Gray	Uvextreme AF	Spatula
S1169	Patriot RWB/Clear	Ultra-dura HC	Duoflex
S1169C	Patriot RWB/ Clear	Uvextreme AF	Duoflex
S1179	Patriot RWB/Gray	Ultra-dura HC	Duoflex
S1179C	Patriot RWB/Gray	Uvextreme AF	Duoflex

S11791	Patriot RWB/Light Gray	Ultra-dura HC	Duoflex
S1159	Patriot RWB/Amber	Ultra-dura HC	Duoflex
S1149	Patriot RWB/Silver Mirror	Ultra-dura HC	Duoflex

#### Replacement Lenses

Item #	Lens Tint	Lens Coating
S535	Clear	Ultra-dura HC
S535C	Clear	Uvextreme AF
S536	Gray	Ultra-dura HC
S536C	Gray	Uvextreme AF
S537	Amber	Ultra-dura HC
S538	Silver Mirror	Ultra-dura HC
S541	SCT-Gray	Ultra-dura HC
S539C	SCT-Vermilion	Uvextreme AF
S540	SCT-Low IR	Ultra-dura HC
S544C	SCT-Blue	Uvextreme AF
S5410	SCT-Reflect 50	Ultra-dura HC
S5412	Shade 2.0 Infra-dura	Ultra-dura HC
S542	Shade 3.0 Infra-dura	Ultra-dura HC
S543	Shade 5.0 Infra-dura	Ultra-dura HC

#### Uvex Astrospec 3000® S (Slim)

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S2700	Black/Clear	Ultra-dura HC	Spatula
S2700C	Black/Clear	Uvextreme AF	Spatula
S2701	Black/Gray	Ultra-dura HC	Spatula
S2701C	Black/Gray	Uvextreme AF	Spatula
S2709	Black/Shade 5.0 Infra-dura	Ultra-dura HC	Spatula
S2710	Blue/Clear	Ultra-dura HC	Spatula
S2710C	Blue/Clear	Uvextreme AF	Spatula
S2711	Blue/Gray	Ultra-dura HC	Spatula
S2711C	Blue/Gray	Uvextreme AF	Spatula
S2730	Patriot RWB/Clear	Ultra-dura HC	Spatula
S2730C	Patriot RWB/Clear	Uvextreme AF	Spatula
S2731	Patriot RWB/Gray	Ultra-dura HC	Spatula
S2731C	Patriot RWB/Gray	Uvextreme AF	Spatula

#### Replacement Lenses

Item #	Lens Tint	Lens Coating
S570	Clear	Ultra-dura HC
S570C	Clear	Uvextreme AF
S571	Gray	Ultra-dura HC
S571C	Gray	Uvextreme AF

#### Uvex Astrospec 3000® CB (Custom Bridge)

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S2200	Black/Clear	Ultra-dura HC	Spatula
S2200C	Black/Clear	Uvextreme AF	Spatula

#### Replacement Lenses

Item #	Lens Tint	Lens Coating
S528C	Clear	Uvextreme AF

#### Uvex Astrospec 3000® S CB (Slim Custom Bridge)

Item #	Frame Color/ Lens Tint	Lens Coating	Temple Style
S2212	Blue/Clear	Ultra-dura HC	Spatula

#### Uvex Astrospec® OTG 3001

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S2500	Black/Clear	Ultra-dura HC	Duoflex
S2500C	Black/Clear	Uvextreme AF	Duoflex
S2501	Black/Amber	Ultra-dura HC	Duoflex
S2504	Black/Gray	Ultra-dura HC	Duoflex
S2504C	Black/Gray	Uvextreme AF	Duoflex
S2505	Black/SCT-Low IR	Ultra-dura HC	Duoflex
S2506	Black/SCT-Gray	Ultra-dura HC	Duoflex
S2508	Black/Shade 3.0 Infra-dura	Ultra-dura HC	Duoflex
S2509	Black/Shade 5.0 Infra-dura	Ultra-dura HC	Duoflex
S2510	Blue/Clear	Ultra-dura HC	Duoflex
S2510C	Blue/Clear	Uvextreme AF	Duoflex

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S2514	Blue/Gray	Ultra-dura HC	Duoflex
S2514C	Blue/Gray	Uvextreme AF	Duoflex
S2530	Patriot RWB/Clear	Ultra-dura HC	Duoflex
S2530C	Patriot RWB/Clear	Uvextreme AF	Duoflex
S2534	Patriot RWB/Gray	Ultra-dura HC	Duoflex
S2534C	Patriot RWB/Gray	Uvextreme AF	Duoflex
S2536	Patriot RWB/SCT-Gray	Ultra-dura HC	Duoflex

### Replacement Lenses

Item #	Lens Tint	Lens Coating
S560	Clear	Ultra-dura HC
S561	Clear	Uvextreme AF
S562	Gray	Ultra-dura HC
S562C	Gray	Uvextreme AF
S563	SCT-Gray	Ultra-dura HC
S566	Amber	Ultra-dura HC
S568	Shade 3.0 Infra-dura	Ultra-dura HC
S569	Shade 5.0 Infra-dura	Ultra-dura HC

### Uvex Astro Rx® 3003

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S2570	Black/Clear	N/A	Duoflex
S2572	Blue/Clear	N/A	Duoflex
S2574	Patriot RWB/Clear	N/A	Duoflex

### Bandido®

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S1730	Black/Clear	Ultra-dura HC	Spatula
S1730X	Black/Clear	Uvextreme AF	Spatula
S1731	Black/Esspresso	Ultra-dura HC	Spatula
S1732	Black/Amber	Ultra-dura HC	Spatula
S1700	Hot Red & Black/Clear	Ultra-dura HC	Spatula
S1700X	Hot Red & Black/Clear	Uvextreme AF	Spatula
S1701	Hot Red & Black/Esspresso	Ultra-dura HC	Spatula

### Bandit™

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S1600	Black/Clear	Ultra-dura HC	Spatulite
S1600X	Black/Clear	Uvextreme AF	Spatulite
S1601	Black/Amber	Ultra-dura HC	Spatulite
S1603	Black/Esspresso	Ultra-dura HC	Spatulite
S1603X	Black/Esspresso	Uvextreme AF	Spatulite
S1604	Black/Gold Mirror	Ultra-dura HC	Spatulite
S1606	Black/SCT-Reflect 50	Ultra-dura HC	Spatulite
S1607	Black/Red Mirror	Ultra-dura HC	Spatulite
S1620	Slate Blue/Clear	Ultra-dura HC	Spatulite
S1620X	Slate Blue/Clear	Uvextreme AF	Spatulite
S1621	Slate Blue/Amber	Ultra-dura HC	Spatulite
S1623	Slate Blue/Esspresso	Ultra-dura HC	Spatulite
S1623X	Slate Blue/Esspresso	Uvextreme AF	Spatulite
S1624	Slate Blue/Gold Mirror	Ultra-dura HC	Spatulite
S1626	Slate Blue/SCT-Reflect 50	Ultra-dura HC	Spatulite
S1627	Slate Blue/Blue Mirror	Ultra-dura HC	Spatulite

### Replacement Lenses

Item #	Lens Tint	Lens Coating
S6310	Clear	Ultra-dura HC
S6310X	Clear	Uvextreme AF
S6311	Amber	Ultra-dura HC
S6312	Espresso	Ultra-dura HC
S6312X	Espresso	Uvextreme AF
S6313	Gold Mirror	Ultra-dura HC
S6314	SCT-Reflect 50	Ultra-dura HC

### Uvex ExtremePro™

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
SX0300	Black & Gray/Clear	Supra-dura HC	Bendable Wire-core
SX0300XP	Black & Gray/Clear	Uvextreme Plus AF	Bendable Wire-core
SX0300D	Black & Gray/Clear	Dura-streme HC/AF	Bendable Wire-core

SX0301	Black & Gray/Esspresso	Supra-dura HC	Bendable Wire-core
SX0301XP	Black & Gray/Esspresso	Uvextreme Plus AF	Bendable Wire-core
SX0301D	Black & Gray/Esspresso	Dura-streme HC/AF	Bendable Wire-core
SX0303	Black & Gray/Silver Mirror	Supra-dura HC	Bendable Wire-core
SX0304	Black & Gray/SCT-Reflect 50	Supra-dura HC	Bendable Wire-core
SX0307	Black & Gray/Shade 3.0 Infra-dura	Supra-dura HC	Bendable Wire-core
SX0308	Black & Gray/Shade 5.0 Infra-dura	Supra-dura HC	Bendable Wire-core
SX0312	Black & Gray/Dark Gray	Supra-dura HC	Bendable Wire-core
SX0312XP	Black & Gray/Dark Gray	Uvextreme Plus AF	Bendable Wire-core

### Replacement Lenses

Item #	Lens Tint	Lens Coating
SX5300	Clear	Supra-dura HC
SX5300XP	Clear	Uvextreme Plus AF
SX5300D	Clear	Dura-streme HC/AF
SX5301	Espresso	Supra-dura HC
SX5301XP	Espresso	Uvextreme Plus AF
SX5301D	Espresso	Dura-streme HC/AF
SX5303	Silver Mirror	Supra-dura HC
SX5304	SCT-Reflect 50	Supra-dura HC
SX5307	Shade 3.0 Infra-dura	Supra-dura HC
SX5308	Shade 5.0 Infra-dura	Supra-dura HC
SX5312	Dark Gray	Supra-dura HC
SX5312XP	Dark Gray	Uvextreme Plus AF

### Accessories

Item #	Description
SX0195	Replacement Nosepiece
SX0396	Replacement MoistureWick Brow Accessory

### Falcon®

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S4500	Black/Clear	Ultra-dura HC	Spatulite
S4500X	Black/Clear	Uvextreme AF	Spatulite
S4501	Black/Esspresso	Ultra-dura HC	Spatulite
S4501X	Black/Esspresso	Uvextreme AF	Spatulite
S4502X	Black/Amber	Uvextreme AF	Spatulite
S4503	Black/Gold Mirror	Ultra-dura HC	Spatulite
S4504	Black/SCT-Reflect 50	Ultra-dura HC	Spatulite

### Replacement Lenses

Item #	Lens Tint	Lens Coating
S6700	Clear	Ultra-dura HC
S6700X	Clear	Uvextreme AF
S6701	Espresso	Ultra-dura HC
S6701X	Espresso	Uvextreme AF
S6702X	Amber	Uvextreme AF
S6703	Gold Mirror	Ultra-dura HC
S6704	SCT-Reflect 50	Ultra-dura HC

### Uvex FitLogic®

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S0400	Black & Silver/Clear	Ultra-dura HC	Cushioned
S0400X	Black & Silver/Clear	Uvextreme AF	Cushioned
S0401	Black & Silver/Gray	Ultra-dura HC	Cushioned
S0401X	Black & Silver/Gray	Uvextreme AF	Cushioned
S0402	Black & Silver/Amber	Ultra-dura HC	Cushioned
S0403	Black & Silver/Silver Mirror	Ultra-dura HC	Cushioned
S0404	Black & Silver/SCT-Reflect 50	Ultra-dura HC	Cushioned
S0405X	Black & Silver/SCT-Gray	Uvextreme AF	Cushioned
S0406X	Black & Silver/SCT-Vermilion	Uvextreme AF	Cushioned
S0407X	Black & Silver/SCT-Blue	Uvextreme AF	Cushioned

### Replacement Lenses

Item #	Lens Tint	Lens Coating
S0490	Clear	Ultra-dura HC
S0490X	Clear	Uvextreme AF
S0491	Gray	Ultra-dura HC
S0491X	Gray	Uvextreme AF

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### Uvex FitLogic® Replacement Lenses (continued)

Item #	Lens Tint	Lens Coating
S0492	Amber	Ultra-dura HC
S0493	Silver Mirror	Ultra-dura HC
S0494	SCT-Reflect 50	Ultra-dura HC
S0495X	SCT-Gray	Uvextreme AF
S0496X	SCT-Vermilion	Uvextreme AF
S0497X	SCT-Blue	Uvextreme AF

### Replacement Accessories

Item #	Description
S0489	Replacement Nosepiece

### Uvex FitLogic® Reading Magnifiers

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S0471	Black & Silver/Clear +1.5 Diopter	Ultra-dura HC	Cushioned
S0472	Black & Silver/Clear +2.0 Diopter	Ultra-dura HC	Cushioned
S0473	Black & Silver/Clear +2.5 Diopter	Ultra-dura HC	Cushioned

### Replacement Lenses

Item #	Lens Tint	Lens Coating
S0481	Clear/+1.5 Diopter	Ultra-dura HC
S0482	Clear/+2.0 Diopter	Ultra-dura HC
S0483	Clear/+2.5 Diopter	Ultra-dura HC

### Flashback®

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S4000	Black/Clear	Ultra-dura HC	Duoflex
S4000C	Black/Clear	Uvextreme AF	Duoflex
S4001	Black/Gray	Ultra-dura HC	Duoflex
S4001C	Black/Gray	Uvextreme AF	Duoflex
S4004	Black/Shade 2.0 Infra-dura	Ultra-dura HC	Duoflex
S4005	Black/Shade 3.0 Infra-dura	Ultra-dura HC	Duoflex
S4006	Black/Shade 5.0 Infra-dura	Ultra-dura HC	Duoflex

### Replacement Lenses

Item #	Lens Tint	Lens Coating
S6410	Clear	Ultra-dura HC
S6410C	Clear	Uvextreme AF
S6411	Gray	Ultra-dura HC
S6411C	Gray	Uvextreme AF
S6413	Shade 2.0 Infra-dura	Ultra-dura HC
S6414	Shade 3.0 Infra-dura	Ultra-dura HC
S6415	Shade 5.0 Infra-dura	Ultra-dura HC

### Flashlite®

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S4300	Black/Clear	Ultra-dura HC	Spatula
S4300C	Black/Clear	Uvextreme AF	Spatula

### Genesis®

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S3200	Black/Clear	Ultra-dura HC	Spatulite
S3200-ADV	Black Adv TPE/Clear	Ultra-dura HC	Spatulite
S3200X	Black/Clear	Uvextreme AF	Spatulite
S3200X-ADV	Black Adv TPE/Clear	Uvextreme AF	Spatulite
S3200D	Black/Clear	Dura-streme HC/AF	Spatulite
S3201	Black/Esspresso	Ultra-dura HC	Spatulite
S3201X	Black/Esspresso	Uvextreme AF	Spatulite
S3202	Black/Amber	Ultra-dura HC	Spatulite
S3202X	Black/Amber	Uvextreme AF	Spatulite
S3203	Black/Gold Mirror	Ultra-dura HC	Spatulite
S3204	Black/SCT-Reflect 50	Ultra-dura HC	Spatulite
S3205X	Black/SCT-Gray	Uvextreme AF	Spatulite
S3206	Black/Shade 2.0 Infra-dura	Ultra-dura HC	Spatulite
S3207	Black/Shade 3.0 Infra-dura	Ultra-dura HC	Spatulite
S3208	Black/Shade 5.0 Infra-dura	Ultra-dura HC	Spatulite
S3209	Black/SCT-Low IR	Ultra-dura HC	Spatulite
S3210X	Black/SCT-Vermilion	Uvextreme AF	Spatulite
S3211X	Black/SCT-Blue	Uvextreme AF	Spatulite

S3212X	Black/Dark Gray	Uvextreme AF	Spatulite
S3213X	Black/50% Gray	Uvextreme AF	Spatulite
S3220	Earth/Clear	Ultra-dura HC	Spatulite
S3220X	Earth/Clear	Uvextreme AF	Spatulite
S3221	Earth/Esspresso	Ultra-dura HC	Spatulite
S3221X	Earth/Esspresso	Uvextreme AF	Spatulite
S3222	Earth/Amber	Ultra-dura HC	Spatulite
S3223	Earth/Gold Mirror	Ultra-dura HC	Spatulite
S3224	Earth/SCT-Reflect 50	Ultra-dura HC	Spatulite
S3240	Vapor Blue/Clear	Ultra-dura HC	Spatulite
S3240X	Vapor Blue/Clear	Uvextreme AF	Spatulite
S3241	Vapor Blue/Esspresso	Ultra-dura HC	Spatulite
S3241X	Vapor Blue/Esspresso	Uvextreme AF	Spatulite
S3242	Vapor Blue/Amber	Ultra-dura HC	Spatulite
S3243	Vapor Blue/Gold Mirror	Ultra-dura HC	Spatulite
S3244	Vapor Blue/SCT-Reflect 50	Ultra-dura HC	Spatulite
S3260	Patriot RWB/Clear	Ultra-dura HC	Spatulite
S3260X	Patriot RWB/Clear	Uvextreme AF	Spatulite
S3263	Patriot RWB/Gold Mirror	Ultra-dura HC	Spatulite
S3600	Mercury Red/Clear	Ultra-dura HC	Spatulite
S3600X	Mercury Red/Clear	Uvextreme AF	Spatulite
S3601	Mercury Red/Esspresso	Ultra-dura HC	Spatulite
S3601X	Mercury Red/Esspresso	Uvextreme AF	Spatulite
S3602	Mercury Red/Amber	Ultra-dura HC	Spatulite
S3603	Mercury Red/Gold Mirror	Ultra-dura HC	Spatulite
S3604	Mercury Red/SCT-Reflect 50	Ultra-dura HC	Spatulite

### Replacement Lenses

Item #	Lens Tint	Lens Coating
S6900	Clear	Ultra-dura HC
S6900D	Clear	Dura-streme HC/AF
S6900X	Clear	Uvextreme AF
S6901	Esspresso	Ultra-dura HC
S6901X	Esspresso	Uvextreme AF
S6902	Amber	Ultra-dura HC
S6902X	Amber	Uvextreme AF
S6903	Gold Mirror	Ultra-dura HC
S6904	SCT-Reflect 50	Ultra-dura HC
S6905X	SCT-Gray	Uvextreme AF
S6906	Shade 2.0 Infra-dura	Ultra-dura HC
S6907	Shade 3.0 Infra-dura	Ultra-dura HC
S6908	Shade 5.0 Infra-dura	Ultra-dura HC
S6909	SCT-Low IR	Ultra-dura HC
S6910X	SCT-Vermilion	Uvextreme AF
S6911X	SCT-Blue	Uvextreme AF
S6912X	Dark Gray	Uvextreme AF
S6913X	50% Gray	Uvextreme AF

### Genesis® Reading Magnifiers

Item #	Frame Color/Lens Tint	Lens Coating	Magnification
S3760	Black/Clear	Ultra-dura HC	+1.0
S3761	Black/Clear	Ultra-dura HC	+1.5
S3762	Black/Clear	Ultra-dura HC	+2.0
S3763	Black/Clear	Ultra-dura HC	+2.5
S3764	Black/Clear	Ultra-dura HC	+3.0
S3765	Black/Amber	Ultra-dura HC	+1.0
S3766	Black/Amber	Ultra-dura HC	+1.5
S3767	Black/Amber	Ultra-dura HC	+2.0
S3768	Black/Amber	Ultra-dura HC	+2.5
S3769	Black/Amber	Ultra-dura HC	+3.0
S3770	Black/Standard Gray	Ultra-dura HC	+1.0
S3771	Black/Standard Gray	Ultra-dura HC	+1.5
S3772	Black/Standard Gray	Ultra-dura HC	+2.0
S3773	Black/Standard Gray	Ultra-dura HC	+2.5
S3774	Black/Standard Gray	Ultra-dura HC	+2.5
S3775	Black/SCT-Reflect 50	Ultra-dura HC	+1.0
S3776	Black/SCT-Reflect 50	Ultra-dura HC	+1.5

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S3777	Black/SCT-Reflect 50	Ultra-dura HC	+2.0
S3778	Black/SCT-Reflect 50	Ultra-dura HC	+2.5
S3779	Black/SCT-Reflect 50	Ultra-dura HC	+3.0

### Replacement Lenses

Item #	Lens Tint	Lens Coating	Magnification
S6710	Clear	Ultra-dura HC	+1.0
S6711	Clear	Ultra-dura HC	+1.5
S6712	Clear	Ultra-dura HC	+2.0
S6713	Clear	Ultra-dura HC	+2.5
S6714	Clear	Ultra-dura HC	+3.0

### Genesis® S (Slim)

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S3700	Pewter & Black/Clear	Ultra-dura HC	Cushioned
S3700X	Pewter & Black/Clear	Uvextreme AF	Cushioned
S3700D	Pewter & Black/Clear	Dura-streme HC/AF	Cushioned
S3701	Pewter & Black/Gray	Ultra-dura HC	Cushioned
S3701X	Pewter & Black/Gray	Uvextreme AF	Cushioned
S3702	Pewter & Black/Amber	Ultra-dura HC	Cushioned
S3702X	Pewter & Black/Amber	Uvextreme AF	Cushioned
S3703	Pewter & Black/SCT-Reflect 50	Ultra-dura HC	Cushioned
S3704	Pewter & Black/Dark Gray	Ultra-dura HC	Cushioned
S3720	Blue Gray/Clear	Ultra-dura HC	Cushioned
S3720X	Blue Gray/Clear	Uvextreme AF	Cushioned
S3720D	Blue Gray/Clear	Dura-streme HC/AF	Cushioned
S3721	Blue Gray /Gray	Ultra-dura HC	Cushioned
S3721X	Blue Gray /Gray	Uvextreme AF	Cushioned
S3722	Blue Gray /Amber	Ultra-dura HC	Cushioned
S3722X	Blue Gray /Amber	Uvextreme AF	Cushioned
S3723	Blue Gray /SCT-Reflect 50	Ultra-dura HC	Cushioned
S3724	Blue Gray /Dark Gray	Ultra-dura HC	Cushioned

### Replacement Lenses

Item #	Lens Tint	Lens Coating
S6610	Clear	Ultra-dura HC
S6610X	Clear	Uvextreme AF
S6610D	Clear	Dura-streme HC/AF
S6611	Gray	Ultra-dura HC
S6611X	Gray	Uvextreme AF
S6612	Amber	Ultra-dura HC
S6612X	Amber	Uvextreme AF
S6613	SCT-Reflect 50	Ultra-dura HC
S6614	Dark Gray	Ultra-dura HC

### Genesis XC™

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S3300	Black/Clear	Ultra-dura HC	Cushioned
S3300-ADV	Black Adv TPE/Clear	Ultra-dura HC	Cushioned
S3300X	Black/Clear	Uvextreme AF	Cushioned
S3300X-ADV	Black Adv TPE/Clear	Ultra-dura HC	Cushioned
S3300D	Black/Clear	Dura-streme HC/AF	Cushioned
S3301	Black/Gray	Ultra-dura HC	Cushioned
S3301X	Black/Gray	Uvextreme AF	Cushioned
S3302	Black/SCT-Reflect 50	Ultra-dura HC	Cushioned
S3303X	Black/SCT-Gray	Uvextreme AF	Spatulite
S3304X	Black/SCT-Low IR	Uvextreme AF	Cushioned
S3305	Black/Shade 2.0 Infra-dura	Ultra-dura HC	Spatulite
S3306	Black/Shade 3.0 Infra-dura	Ultra-dura HC	Cushioned
S3307	Black/Shade 5.0 Infra-dura	Ultra-dura HC	Spatulite
S3308	Black/Silver Mirror	Ultra-dura HC	Cushioned
S3309	Black/Amber	Ultra-dura HC	Spatulite
S3310X	Black/50% Gray	Uvextreme AF	Cushioned
S3311X	Black/SCT-Vermilion	Uvextreme AF	Spatulite
S3312X	Black/SCT-Blue	Uvextreme AF	Cushioned

### Replacement Lenses

Item #	Lens Tint	Lens Coating
S6950	Clear	Ultra-dura HC
S6950X	Clear	Uvextreme AF

S6950D	Clear	Dura-streme HC/AF
S6951	Gray	Ultra-dura HC
S6951X	Gray	Uvextreme AF
S6952	SCT-Reflect 50	Ultra-dura HC
S6953X	SCT-Gray	Uvextreme AF
S6954X	SCT-Low IR	Uvextreme AF
S6955	Shade 2.0 Infra-dura	Ultra-dura HC
S6956	Shade 3.0 Infra-dura	Ultra-dura HC
S6957	Shade 5.0 Infra-dura	Ultra-dura HC
S6958	Silver Mirror	Ultra-dura HC
S6959	Amber	Ultra-dura HC
S6960X	50% Gray	Uvextreme AF
S6961X	SCT-Vermilion	Uvextreme AF
S6962X	SCT-Blue	Uvextreme AF

### Accessories

Item #	Description
S3350	Rx Insert
S3351	Rx Pattern

### Genesis X2®

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S3500	Silver & Navy/Clear	Ultra-dura HC	Cushioned
S3500X	Silver & Navy/Clear	Uvextreme AF	Cushioned
S3501	Silver & Navy/Espresso	Ultra-dura HC	Cushioned
S3501X	Silver & Navy/Espresso	Uvextreme AF	Cushioned
S3502	Silver & Navy/Amber	Ultra-dura HC	Cushioned
S3503	Silver & Navy/Gold Mirror	Ultra-dura HC	Cushioned
S3504	Silver & Navy/SCT-Reflect 50	Ultra-dura HC	Cushioned
S3510X	Silver & Navy/SCT-Vermilion	Uvextreme AF	Cushioned
S3511X	Silver & Navy/SCT-Blue	Uvextreme AF	Cushioned
S3512X	Silver & Navy/Gray	Uvextreme AF	Cushioned
S3513X	Silver & Navy/50% Gray	Uvextreme AF	Cushioned
S3520	Black & Yellow/Clear	Ultra-dura HC	Cushioned
S3520-ADV	Black Adv. TPE/Clear	Ultra-dura HC	Cushioned
S3520D	Black & Yellow/Clear	Dura-streme HC/AF	Cushioned
S3520X	Black & Yellow/Clear	Uvextreme AF	Cushioned
S3520X-ADV	Black Adv.TPE/Clear	Uvextreme AF	Cushioned
S3521	Black & Yellow/Espresso	Ultra-dura HC	Cushioned
S3521X	Black & Yellow/Espresso	Uvextreme AF	Cushioned
S3522	Black & Yellow/Amber	Ultra-dura HC	Cushioned
S3523	Black & Yellow/Gold Mirror	Ultra-dura HC	Cushioned
S3524	Black & Yellow/SCT-Reflect 50	Ultra-dura HC	Cushioned
S3530X	Black & Yellow/SCT-Vermilion	Uvextreme AF	Cushioned
S3531X	Black & Yellow/SCT-Blue	Uvextreme AF	Cushioned
S3532X	Black & Yellow/Gray	Uvextreme AF	Cushioned
S3533X	Black & Yellow/50% Gray	Uvextreme AF	Cushioned

### Replacement Lenses

Item #	Lens Tint	Lens Coating
S6920	Clear	Ultra-dura HC
S6920D	Clear	Dura-streme HC/AF
S6920X	Clear	Uvextreme AF
S6921	Espresso	Ultra-dura HC
S6921X	Espresso	Uvextreme AF
S6922	Amber	Ultra-dura HC
S6923	Gold Mirror	Ultra-dura HC
S6924	SCT-Reflect 50	Ultra-dura HC
S6926X	SCT-Vermilion	Uvextreme AF
S6927X	SCT-Blue	Uvextreme AF
S6928X	Gray	Uvextreme AF
S6929X	50% Gray	Uvextreme AF

### Uvex Horizon™

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S212	Black/Clear with Shade 3.0	Hardcoat	Spatula w/Metal Core
S213	Black/Clear with Shade 5.0	Hardcoat	Spatula w/Metal Core
S214	Black/Clear with Cobalt Blue	Hardcoat	Spatula w/Metal Core

## Uvex Eye & Face Protection

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### Uvex Ignite®

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S4400	Black & Silver/Clear	Hardcoat	Cushioned
S4400X	Black & Silver/Clear	Uvextra AF	Cushioned
S4401	Black & Silver/Gray	Hardcoat	Cushioned
S4401X	Black & Silver/Gray	Uvextra AF	Cushioned
S4402	Black & Silver/SCT-Reflect 50	Hardcoat	Cushioned
S4403	Black & Silver/Silver Mirror	Hardcoat	Cushioned
S4410	Metallic Red & Silver/Clear	Hardcoat	Cushioned
S4410X	Metallic Red & Silver/Clear	Uvextra AF	Cushioned
S4411	Metallic Red & Silver/Gray	Hardcoat	Cushioned
S4411X	Metallic Red & Silver/Gray	Uvextra AF	Cushioned
S4412	Metallic Red & Silver/SCT-Reflect 50	Hardcoat	Cushioned
S4413	Metallic Red & Silver/Silver Mirror	Hardcoat	Cushioned

### Uvex Milan™ (Photochromic)

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S4025	Silver and Blue/Photochromic	Hardcoat	Bendable Wire-core

### Uvex Millennia™

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
11150350	Black/Clear	Ultra-dura HC	Bayonette
11150351	Black/Gray	Ultra-dura HC	Bayonette
11150352	Black/Amber	Ultra-dura HC	Bayonette
11150353	Black/SCT-Reflect 50	Ultra-dura HC	Bayonette
11150354	Black/Silver Mirror	Ultra-dura HC	Bayonette
11150367	Black/SCT-Low IR	Ultra-dura HC	Bayonette
11150368	Black/SCT-Gray	Ultra-dura HC	Bayonette
11150355	Black/Clear	Uvextreme AF	Bayonette
11150356	Black/Gray	Uvextreme AF	Bayonette
11150370	Blue/Clear	Ultra-dura HC	Bayonette
11150371	Blue/Gray	Ultra-dura HC	Bayonette
11150372	Blue/SCT-Reflect 50	Ultra-dura HC	Bayonette
11150360	Silver/Clear	Ultra-dura HC	Bayonette
11150361	Silver/Gray	Ultra-dura HC	Bayonette
11150362	Silver/SCT-Reflect 50	Ultra-dura HC	Bayonette
11150363	Silver/Silver Mirror	Ultra-dura HC	Bayonette

### Pivot®

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S2140	Black & Silver/Clear	Ultra-dura HC	Cushioned
S2140X	Black & Silver/Clear	Uvextreme AF	Cushioned
S2141	Black & Silver/Gray	Ultra-dura HC	Cushioned
S2141X	Black & Silver/Gray	Uvextreme AF	Cushioned
S2142X	Black & Silver/Amber	Uvextreme AF	Cushioned
S2143	Black & Silver/Blue Ice Mirror	Ultra-dura HC	Cushioned
S2144	Black & Silver/Hot Orange Mirror	Ultra-dura HC	Cushioned
S2145	Black & Silver/SCT-Reflect 50	Ultra-dura HC	Cushioned

### Replacement Lenses

Item #	Lens Tint	Lens Coating
S6010	Clear	Ultra-dura HC
S6010X	Clear	Uvextreme AF
S6011	Gray	Ultra-dura HC
S6011X	Gray	Uvextreme AF
S6012X	Amber	Uvextreme AF
S6013	Blue Ice Mirror	Ultra-dura HC
S6014	Hot Orange Mirror	Ultra-dura HC
S6015	SCT-Reflect 50	Ultra-dura HC

### Uvex® Polarized Safety Eyewear

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S4100	Brushed Silver Metal/Gray Polarized	Hardcoat	Padded Metal Tips

### Uvex PrecisionPro™

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
SX0200	Clear	Supra-dura HC	Bendable Wire-core
SX0200X	Clear	Uvextreme AF	Bendable Wire-core

SX0202	Amber	Supra-dura HC	Bendable Wire-core
SX0209	SCT-Low IR	Supra-dura HC	Bendable Wire-core
SX0210X	SCT-Vermillion	Uvextreme AF	Bendable Wire-core
SX0211X	SCT-Blue	Uvextreme AF	Bendable Wire-core
SX0213X	50% Gray	Uvextreme AF	Bendable Wire-core
SX0214	Blue Mist	Supra-dura HC	Bendable Wire-core

### Accessories

Item #	Description
SX0195	Replacement Nosepiece

### Uvex Protégé®

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S4200	Metallic Black/Clear	Ultra-dura HC	Cushioned
S4200XC	Metallic Black/Clear	Ultra-dura HC	Cushioned
S4200X	Metallic Black/Clear	Uvextreme AF	Cushioned
S4200XXC	Metallic Black/Clear	Uvextreme AF	Cushioned
S4201	Metallic Black/Gray	Ultra-dura HC	Cushioned
S4201XC	Metallic Black/Gray	Ultra-dura HC	Cushioned
S4201X	Metallic Black/Gray	Uvextreme AF	Cushioned
S4201XXC	Metallic Black/Gray	Uvextreme AF	Cushioned
S4202	Metallic Black/SCT-Reflect 50	Ultra-dura HC	Cushioned
S4202XC	Metallic Black/SCT-Reflect 50	Ultra-dura HC	Cushioned
S4203	Metallic Black/Silver Mirror	Ultra-dura HC	Cushioned
S4221XC	Metallic Black/SCT-Blue	Ultra-dura HC	Cushioned
S4221XXC	Metallic Black/SCT-Blue	Uvextreme AF	Cushioned
S4222XC	Metallic Black/Amber	Ultra-dura HC	Cushioned
S4222XXC	Metallic Black/Amber	Uvextreme AF	Cushioned
S4210	Sandstone/Clear	Ultra-dura HC	Cushioned
S4210X	Sandstone/Clear	Uvextreme AF	Cushioned
S4211	Sandstone/Gray	Ultra-dura HC	Cushioned
S4211X	Sandstone/Gray	Uvextreme AF	Cushioned
S4212	Sandstone/SCT-Reflect 50	Ultra-dura HC	Cushioned
S4213	Sandstone/Silver Mirror	Ultra-dura HC	Cushioned

### Uvex Seismic™ (Sealed Eyewear)

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S0600	Black/Clear	Hardcoat	Cushioned/Headband
S0600X	Black/Clear	Uvextra AF	Cushioned/Headband
S0600D	Black/Clear	Dura-streme HC/AF	Cushioned/Headband
S0601X	Black/Esspresso	Uvextra AF	Cushioned/Headband
S0602X	Black/Amber	Uvextra AF	Cushioned/Headband
S0604X	Black/SCT-Reflect 50	Uvextra AF	Cushioned/Headband
S0620	Metallic Blue/Clear	Hardcoat	Cushioned/Headband
S0620X	Metallic Blue/Clear	Uvextra AF	Cushioned/Headband
S0622X	Metallic Blue/Amber	Uvextra AF	Cushioned/Headband
S0624X	Metallic Blue/SCT-Reflect 50	Uvextra AF	Cushioned/Headband

### Accessories

Item #	Description
S6249	Headband Replacement (Flame-Resistant)
S6250	Cushioned-lined Subframe Replacement (Flame-Resistant)

### Skyline®

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S2000	Black/Clear	Ultra-dura HC	Spatulite
S2000X	Black/Clear	Uvextreme AF	Spatulite
S2001X	Black/Esspresso	Uvextreme AF	Spatulite
S2003	Black/SCT-Reflect 50	Ultra-dura HC	Spatulite

### Replacement Lenses

Item #	Lens Tint	Lens Coating
S6600	Clear	Ultra-dura HC
S6600X	Clear	Uvextreme AF
S6601X	Espresso	Uvextreme AF
S6604	SCT-Reflect 50	Ultra-dura HC

### Skyper®

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S1900	Black/Clear	Ultra-dura HC	Duoflex

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S1900X	Black/Clear	Uvextreme AF	Duoflex
S1901	Black/Esspresso	Ultra-dura HC	Duoflex
S1901X	Black/Esspresso	Uvextreme AF	Duoflex
S1902	Black/Amber	Ultra-dura HC	Duoflex
S1903	Black/Gold Mirror	Ultra-dura HC	Duoflex
S1904X	Black/SCT-Gray	Uvextreme AF	Duoflex
S1905	Black/SCT-Reflect 50	Ultra-dura HC	Duoflex
S1906	Black/Shade 2.0 Infra-dura	Ultra-dura HC	Duoflex
S1907	Black/Shade 3.0 Infra-dura	Ultra-dura HC	Duoflex
S1908	Black/Shade 5.0 Infra-dura	Ultra-dura HC	Duoflex
S1930X	Black/SCT-Low IR	Uvextreme AF	Duoflex
S1931X	Black/SCT-Vermilion	Uvextreme AF	Duoflex
S1932X	Black/SCT-Blue	Uvextreme AF	Duoflex
S1933X	Black/SCT-Orange	Uvextreme AF	Duoflex
S1934X	Black/Gray	Uvextreme AF	Duoflex

### Replacement Lenses

Item #	Lens Tint	Lens Coating
S6500	Clear	Ultra-dura HC
S6500X	Clear	Uvextreme AF
S6501	Espresso	Ultra-dura HC
S6501X	Espresso	Uvextreme AF
S6502	Amber	Ultra-dura HC
S6503	Gold Mirror	Ultra-dura HC
S6504X	SCT-Gray	Uvextreme AF
S6505	SCT-Reflect 50	Ultra-dura HC
S6506	Shade 2.0 Infra-dura	Ultra-dura HC
S6507	Shade 3.0 Infra-dura	Ultra-dura HC
S6508	Shade 5.0 Infra-dura	Ultra-dura HC
S6509X	SCT-Low IR	Uvextreme AF
S6512X	Gray	Uvextreme AF

### Skyper X2®

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S2810	Black/Clear	Ultra-dura HC	Spatulite
S2810X	Black/Clear	Uvextreme AF	Spatulite
S2811	Black/Amber	Ultra-dura HC	Spatulite
S2812	Black/Esspresso	Ultra-dura HC	Spatulite
S2812X	Black/Esspresso	Uvextreme AF	Spatulite
S2813X	Black/SCT-Gray	Uvextreme AF	Spatulite
S2814	Black/Gold Mirror	Ultra-dura HC	Spatulite
S2815	Black/SCT-Reflect 50	Ultra-dura HC	Spatulite

### Replacement Lenses

Item #	Lens Tint	Lens Coating
S6850	Clear	Ultra-dura HC
S6850X	Clear	Uvextreme AF
S6851	Amber	Ultra-dura HC
S6852	Espresso	Ultra-dura HC
S6852X	Espresso	Uvextreme AF
S6853X	SCT-Gray	Uvextreme AF
S6854	Gold Mirror	Ultra-dura HC
S6855	SCT-Reflect 50	Ultra-dura HC

### Uvex Slate™

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S4110	Matte Gunmetal/Clear	Hardcoat	Padded Metal Tips
S4110X	Matte Gunmetal/Clear	Uvextra AF	Padded Metal Tips
S4111	Matte Gunmetal/Gray	Hardcoat	Padded Metal Tips
S4111X	Matte Gunmetal/Gray	Uvextra AF	Padded Metal Tips
S4112	Matte Gunmetal/Gold Mirror	Hardcoat	Padded Metal Tips

### Uvex SolarPro™

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
SX0400	Gray/Clear	Supra-dura HC	Cushioned
SX0400X	Gray/Clear	Uvextreme AF	Cushioned
SX0401	Gray/Gray	Supra-dura HC	Cushioned
SX0401X	Gray/Gray	Uvextreme AF	Cushioned

SX0401D	Gray/Gray	Dura-streme HC/AF	Cushioned
SX0402	Gray/SCT Reflect 50	Supra-dura HC	Cushioned
SX0403	Gray/Silver Mirror	Hardcoat	Cushioned
SX0404	Gray/Blue Mirror	Hardcoat	Cushioned
SX0405	Gray/Polarized	Hardcoat	Cushioned
SX0406	Gray/Photochromic	Anti-Fog/Hardcoat	Cushioned

### Spitfire®

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S1800	Black/Clear	Ultra-dura HC	Spatulite
S1800X	Black/Clear	Uvextreme AF	Spatulite
S1801	Black/Esspresso	Ultra-dura HC	Spatulite
S1801X	Black/Esspresso	Uvextreme AF	Spatulite
S1802	Black/Amber	Ultra-dura HC	Spatulite
S1803	Black/Gold Mirror	Ultra-dura HC	Spatulite

### Replacement Lenses

Item #	Lens Tint	Lens Coating
S6200	Clear	Ultra-dura HC
S6200X	Clear	Uvextreme AF
S6201	Espresso	Ultra-dura HC
S6201X	Espresso	Uvextreme AF

### Tomcat®

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S2450	Gunmetal/Clear	Hardcoat	Padded Metal Tips
S2451	Gunmetal/Gray	Hardcoat	Padded Metal Tips
S2453	Gunmetal/Silver Mirror	Hardcoat	Padded Metal Tips
S2454	Gunmetal/Mirror 50	Hardcoat	Padded Metal Tips

### Uvex U2®

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S3100	Black/Clear	Ultra-dura HC	Spatulite
S3100X	Black/Clear	Uvextreme AF	Spatulite
S3101	Black/Esspresso	Ultra-dura HC	Spatulite
S3101X	Black/Esspresso	Uvextreme AF	Spatulite
S3102	Black/Amber	Ultra-dura HC	Spatulite
S3103	Black/Gold Mirror	Ultra-dura HC	Spatulite
S3104	Black/SCT-Reflect 50	Ultra-dura HC	Spatulite

### Replacement Lenses

Item #	Lens Tint	Lens Coating
S6150	Clear	Ultra-dura HC
S6150X	Clear	Uvextreme AF
S6151	Espresso	Ultra-dura HC
S6151X	Espresso	Uvextreme AF
S6152	Amber	Ultra-dura HC
S6153	Gold Mirror	Ultra-dura HC
S6154	SCT-Reflect 50	Ultra-dura HC

### Ultra-spec® 1000

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S300CS	Clear/Clear	Uncoated	Spatula
S302SS	Black/Clear	Uncoated	Spatula
S305CS	Clear/Gray	Uncoated	Spatula
S301CS	Clear/Clear	Uncoated	Spatula

### Ultra-spec® 2000

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S0390	Clear/Clear	Ultra-dura HC	Standard
S0250X	Clear/Clear	Uvextreme AF	Spatula
S0300	Clear/Clear	Ultra-dura HC	Spatula
S0290X	Amber/Amber	Uvextreme AF	Spatula
S0340	Amber/Amber	Ultra-dura HC	Spatula
S0391	Gray/Gray	Ultra-dura HC	Standard
S0280X	Gray/Gray	Uvextreme AF	Spatula
S0330	Gray/Gray	Ultra-dura HC	Spatula
S0360X	Orange/SCT-Orange	Uvextreme AF	Spatula

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### Ultra-spec® 2001 OTG (Over-the-Glass)

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
S0112	Clear/Clear	Ultra-dura HC	Duoflex
S0112C	Clear/Clear	Uvextreme AF	Duoflex
S0113	Gray/Gray	Ultra-dura HC	Duoflex
S0113C	Gray/Gray	Uvextreme AF	Duoflex

### Uvex VersaPro™

Item #	Frame Color/Lens Tint	Lens Coating	Temple Style
SX0100	Blue & Black (Medium)/Clear	Supra-dura HC	Bendable Wire-core
SX0100X	Blue & Black (Medium)/Clear	Uvextreme AF	Bendable Wire-core
SX0101	Blue & Black (Medium)/Espresso	Supra-dura HC	Bendable Wire-core
SX0101X	Blue & Black (Medium)/Espresso	Uvextreme AF	Bendable Wire-core
SX0102	Blue & Black (Medium)/Amber	Supra-dura HC	Bendable Wire-core
SX0102X	Blue & Black (Medium)/Amber	Uvextreme AF	Bendable Wire-core
SX0103	Blue & Black (Medium)/Silver Mirror	Supra-dura HC	Bendable Wire-core
SX0104	Blue & Black (Medium)/SCT-Reflect 50	Supra-dura HC	Bendable Wire-core
SX0105X	Blue & Black (Medium)/SCT-Gray	Uvextreme AF	Bendable Wire-core
SX0150	Blue & Black(Large) Clear	Supra-dura HC	Bendable Wire-core
SX0150X	Blue & Black(Large) Clear	Uvextreme AF	Bendable Wire-core
SX0151X	Blue & Black(Large) Espresso	Uvextreme AF	Bendable Wire-core
SX0152	Blue & Black(Large) Amber	Supra-dura HC	Bendable Wire-core
SX0154	Blue & Black(Large) SCT-Reflect 50	Supra-dura HC	Bendable Wire-core

### Replacement Lenses

Item #	Lens Tint	Lens Coating
SX5100	Medium/Clear	Supra-dura HC
SX5100X	Medium/Clear	Uvextreme AF
SX5101	Medium/Espresso	Supra-dura HC
SX5101X	Medium/Espresso	Uvextreme AF
SX5102	Medium/Amber	Supra-dura HC
SX5102X	Medium/Amber	Uvextreme AF
SX5103	Medium/Silver Mirror	Supra-dura HC
SX5104	Medium/SCT-Reflect 50	Supra-dura HC
SX5105X	Medium/SCT-Gray	Uvextreme AF
SX5150	Large/Clear	Supra-dura HC
SX5150X	Large/Clear	Uvextreme AF
SX5151X	Large/Espresso	Uvextreme AF
SX5152	Large/Amber	Supra-dura HC
SX5154	Large/SCT-Reflect 50	Supra-dura HC

### Accessories

Item #	Description
SX0195	Replacement Nosepiece

## Specialty Eyewear

### Uvex 870 Series (Klip Lifts for Safety Glasses)

Item #	Lens Tint	Description
32-0LFFB6-0000	Cobalt Blue Shade 6	Klip Lift-Full Front
32-0LFFB8-0000	Cobalt Blue Shade 8	Klip Lift-Full Front
32-00LFB6-0000	Cobalt Blue Shade 6	Klip Lift-Half Front
32-00LFB8-0000	Cobalt Blue Shade 8	Klip Lift-Half Front
32-0LFF08-0000	6C Didymium	Klip Lift-Full Lens
32-0LFFW4-0000	Welding Shade 4	Klip Lift-Full Front
32-0LFFW5-0000	Welding Shade 5	Klip Lift-Full Front
32-0LFFW6-0000	Welding Shade 6	Klip Lift-Full Front
32-0LFFW8-0000	Welding Shade 8	Klip Lift-Full Front
32-00LFW4-0000	Welding Shade 4	Klip Lift-Half Front
32-00LFW6-0000	Welding Shade 6	Klip Lift-Half Front
32-00LFW8-0000	Welding Shade 8	Klip Lift-Half Front

### Uvex 880 Series (Klip Lifts for Hard Hat Visors)

Item #	Lens Tint	Description
32-8LFFB3-0000	Cobalt Blue Shade 3	Hardhat Klip Lift-Full Front
32-8LFFB4-0000	Cobalt Blue Shade 4	Hardhat Klip Lift-Full Front
32-8LFFB6-0000	Cobalt Blue Shade 6	Hardhat Klip Lift-Full Front
32-8LFFB8-0000	Cobalt Blue Shade 8	Hardhat Klip Lift-Full Front

32-08LFB6-0000	Cobalt Blue Shade 6	Hardhat Klip Lift-Half Front
32-08LFB8-0000	Cobalt Blue Shade 8	Hardhat Klip Lift-Half Front
32-8LFFW4-0000	Welding Shade 4	Hardhat Klip Lift-Full Front
32-8LFFW5-0000	Welding Shade 5	Hardhat Klip Lift-Full Front
32-8LFFW6-0000	Welding Shade 6	Hardhat Klip Lift-Full Front
32-8LFFW8-0000	Welding Shade 8	Hardhat Klip Lift-Full Front
32-08LFW4-0000	Welding Shade 4	Hardhat Klip Lift-Half Front
32-08LFW5-0000	Welding Shade 5	Hardhat Klip Lift-Half Front
32-08LFW6-0000	Welding Shade 6	Hardhat Klip Lift-Half Front
32-08LFW8-0000	Welding Shade 8	Hardhat Klip Lift-Half Front

### Uvex S4150 (Safety Eyewear for Uvex 870 Series Klip Lifts)

Item #	Lens Tint	Description
S4150	Clear	Safety Eyewear for Uvex 870 Series Klip Lifts

## Safety Goggles

### Uvex Classic™

Item #	Frame Color/Lens Tint	Lens Coating	Description
S350	Clear Body/Clear	Uvextreme AF	Hood Indirect Vent
S350CF*	Clear Body/ Clear	Uvextreme AF	Face Foam
S360	Clear Body/Clear	Uvextreme AF	Indirect Vent
S364	Clear Body/Clear	Uvextreme AF	Closed Vent

\*S350CF not for chemical splash applications

### Accessories

Item #	Description
S824	Gray Neoprene Band w/Slides

### Uvex Climazone™

Item #	Frame Color/Lens Tint	Lens Coating	Description
S390	Black Body/Clear	Anti-fog/Ultra-dura	Dual Pane Lens
S391	Black Body/Gray	Anti-fog/Ultra-dura	Dual Pane Lens

### Flex Seal®

Item #	Frame Color/Lens Tint	Lens Coating	Description
S3400X	Navy Body/Clear	Uvextreme AF	Neoprene Headband
S3405X	Navy Body/Clear	Uvextreme AF	Fabric Headband
S3410X	Navy Body/Gray	Uvextreme AF	Neoprene Headband
S3420X	Gray Body/Clear	Uvextreme AF	Neoprene Band
S3425X	Gray Body/Gray	Uvextreme AF	Neoprene Band
S3430X	Navy Body/Shade 3.0 Infra-dura	Uvextreme AF	Neoprene Headband
S3435X	Navy Body/Shade 5.0 Infra-dura	Uvextreme AF	Neoprene Headband

### Replacement Lenses

Item #	Description
S710X	Clear Replacement Lens, Uvextreme AF Coating
S715X	Gray Replacement Lens, Uvextreme AF Coating

### Accessories

Item #	Description
S828	Neoprene Headband with Slides
S829	Fabric Headband with Slides

### Fury®

Item #	Frame Color/Lens Tint	Lens Coating	Description
S1890X	Black/Clear	Uvextreme AF	Flame Resistant Headband

### Replacement Parts

Item #	Description
S823	Gray Flame Retardant Fabric
S824	Gray Neoprene w/Slides

Note: Use Uvex Spitfire® replacement lenses with Uvextreme Anti-Fog coating only. Not for chemical applications.

### Uvex Futura™

Item #	Frame Color/Lens Tint	Lens Coating	Description
S345C	Clear/Clear	Uvextreme AF	Indirect Vent, Neoprene Band
S347C	Black/Shade 3.0 Infra-dura	Uvextreme AF	Indirect Vent, Neoprene Band
S348C	Black/Shade 5.0 Infra-dura	Uvextreme AF	Indirect Vent, Neoprene Band

For more information or to order products on this page, please call Customer Care at 800 430-5490.



## Uvex Eye & Face Protection

### Replacement Parts

Item #	Description
S780C	Clear Replacement Lens, Uvextreme AF Coating
S824	Gray Neoprene Band w/Slides

### Uvex Stealth®

Item #	Frame Color/Lens Tint	Lens Coating	Description
S3960C	Gray & Gray/Clear	Uvextreme AF	Neoprene Band
S3960D	Gray & Gray/Clear	Dura-streme HC/AF	Neoprene Band
S3960CI	Gray & Gray/Clear	Uvextreme AF	Fabric Headband
S3961C	Gray & Gray/Gray	Uvextreme AF	Neoprene Band
S3962C	Gray & Gray/Amber	Uvextreme AF	Neoprene Band
S39610C	Teal & Gray/Clear	Uvextreme AF	Neoprene Band
S39611C	Teal & Gray/Gray	Uvextreme AF	Neoprene Band
S39630C	Orange & Gray/Clear	Uvextreme AF	Neoprene Band
S39630CI	Orange & Gray/Clear	Uvextreme AF	Fabric Headband
S39631C	Orange & Gray/Gray	Uvextreme AF	Neoprene Band

### Replacement Lenses

Item #	Description
S700C	Clear Replacement Lens, Uvextreme AF Coating
S701C	Gray Replacement Lens, Uvextreme AF Coating
S702C	Amber Replacement Lens, Uvextreme AF Coating

### Accessories

Item #	Description
S3959	Rx Carrier
S8999	Rx Pattern
S821	Gray Neoprene Band w/out Slides
S823	Gray Flame Retardant Fabric Band

### Uvex Stealth® OTG

Item #	Frame Color/Lens Tint	Lens Coating	Description
S3970D	Navy/Clear	Dura-streme HC/AF	Neoprene
S3971D	Navy/Standard Gray	Dura-streme HC/AF	Neoprene
S3972D	Navy/Amber	Dura-streme HC/AF	Neoprene
S3973D	Navy/Shade 3.0	Dura-streme HC/AF	Neoprene
S3975D	Navy/Shade 5.0	Dura-streme HC/AF	Neoprene
S3970DF	Navy/Clear	Dura-streme HC/AF	Fabric (Logoed)
S3971DF	Navy/Standard Gray	Dura-streme HC/AF	Fabric (Logoed)
S3972DF	Navy/Amber	Dura-streme HC/AF	Fabric (Logoed)

### Replacement Lenses

Item #	Description
S740D	Clear Dura-streme HC/AF
S741D	Standard Gray Dura-streme HC/AF
S742D	Amber Dura-streme HC/AF
S743D	Shade 3.0 Dura-streme HC/AF
S745D	Shade 5.0 Dura-streme HC/AF

### Accessories

Item #	Description
S830	Neoprene Headband

### Uvex Strategy®

Item #	Frame Color/Lens Tint	Lens Coating	Description
S3800	Gray Body/Clear	Uvextra AF	Direct Vent/Fabric Band
S3805	Gray Body/Clear	Uvextra AF	Closed Vent/Neoprene Band
S3810	Gray Body/Clear	Uvextra AF	Indirect Vent/Neoprene Band
S3815	Gray Body/Clear	Uvextra AF	Indirect Vent with Foam/Fabric Band
S3820	Hot Orange Body/Clear	Uvextra AF	Indirect Vent/Neoprene Band

### Face Shields

#### Bionic® Shield

Item #	Visor Tint/Visor Coating	Description
S8500	Clear Polycarbonate/Uncoated	Black Matte Face Shield
S8505	Clear Polycarbonate/Uncoated	Black Matte Face Shield & Hard Hat Adapter (No Suspension)
S8510	Clear Polycarbonate/Anti-fog/Hardcoat	Black Matte Face Shield
S8515	Clear Polycarbonate/Anti-fog/Hardcoat	Black Matte Face Shield & Hard Hat Adapter (No Suspension)

#### Replacement Visors

Item #	Description
S8550	Clear Polycarbonate Uncoated
S8555	Clear Polycarbonate Anti-fog/Hardcoat
S8560	Shade 3.0 Polycarbonate Uncoated
S8565	Shade 5.0 Polycarbonate Uncoated

#### Accessories

Item #	Description
S8580	Replacement Sweatband
S8590	Hard Hat Adapter
S8595	Bionic Ratchet Suspension

### Accessories

#### Uvex® Lens Care Products

Item #	Description
S462	Uvex Clear Tissues
S468	Uvex Clear Towelettes
S477	Uvex Fog Eliminator Cloths
S463	Uvex Clear Solution
S464	Uvex Clear Refill Solution
S461	Uvex Clear Permanent Station
S467	Uvex Clear Disposable Lens Station

#### Uvex® Cases and Cords

Item #	Description
S487	Rip-Stop Nylon Bag Eyewear Case, Black
S489	Hard Eyewear Case with Belt Loop, Black
S490	Economy Eyewear Case, Black
S491	Eyewear Pack, Black
S493	Universal Goggle Pack, Black
S501	Universal Neck Cord, Black
S505D	Snap-Fit Neck Cord for Duoflex Cushioned Temples, Black

## Uvex Safety Rx Eyewear



### The Uvex® Difference

**Engineered specifically for industrial applications where hazards are present, our products are designed for fashion but built to perform to ANSI requirements.**

Superior service plays a main role at Uvex Rx. We believe it is important to treat everyone the way we would like to be treated...it's that simple.

Quality is a way of life at Uvex Rx. We are strict adherents to the ANSI Z87.1 Standard because this standard is the most stringent requirement. We test and re-test every product on a regular basis and make those results available to you any time you want or need them...no other safety Rx eyewear company does this.

An important component of all safety eyewear programs is prescription safety eyewear. If you have employees who require safety glasses outfitted with an individual prescription in them, Uvex Rx is your best resource to finding an optimal solution.

Uvex Rx works hand-in-hand with hundreds of safety optical laboratories in the Americas that can support your needs in building an efficient, cost effective and convenient safety prescription (Rx) eyewear program for your employees. Here's how:

- Assess Your Requirements
- Assist in the Choice of a Supplier Lab
- Provide Training Materials
- Support You with Seasoned Sales Professionals and Customer Care Personnel

# Prescription Safety Frames

## Titanium Collection

### Titmus EXT2

- Sizes: 56.16.145; 58.16.150
- Colors: TOR Tortoise, ANP Antique Pewter, BRN Brown
- Features: Titanium, spring hinge, nickel-free plating
- Side Shield: CS83



### Titmus EXT5

- Sizes: 48.20.140; 51.20.145
- Colors: BRN Lt. Brown/Tortoise, BRZ Satin Bronze, GRA Lt. Gray/Tortoise
- Features: Titanium, spring hinge, nickel-free plating
- Side Shield: T-LOC® only, CS95



### Titmus EXT6

- Sizes: 49.19.140; 51.19.145
- Colors: GLD Goldtone, GRA Gray, BRN Brown
- Features: 100% Titanium, spring hinge, nickel-free plating
- Side Shield: T-LOC® only, gray shield available, CS60



### Titmus EXT8

- Sizes: 49.19.140; 51.19.145
- Colors: BRN Brown, STL Steel, BUR Burgundy
- Features: Titanium, spring hinge, nickel-free plating
- Side Shield: T-LOC® only, gray shield available, CS64



### Titmus EXT9

- Sizes: 49.20.140; 51.20.145
- Colors: DBR Dark Brown Matte, DGY Dk. Gray Matte
- Features: Titanium, spring hinge, nickel-free plating
- Side Shield: T-LOC® only, CS67



### Titmus EXT10

- Sizes: 53.18.140; 55.18.145
- Colors: DBR Dark Brown Matte, DGM Dark Gunmetal
- Features: Titanium, spring hinge, nickel-free plating
- Side Shield: T-LOC® only, CS67



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Actual test data is made available to anyone requesting it on every product we provide to our customers.

No other industrial safety Rx eyewear company does this.

## The “N-Tite™” System

The N-Tite™ System is designed to increase lens retention so that employees who work in environments where hazardous impacts are possible are protected in accordance with ANSI Z87.1 Standard guidelines.

This robust system is now available on selected products in the Titanium and Exclusive collections.

[www.uvexrx.com](http://www.uvexrx.com)

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## Prescription Safety Frames

EYE & FACE PROTECTION

**NEW!**



### Titanium Collection

#### **NEW! Titmus EXT11**

- Sizes: 50.19.140; 52.19.145
- Colors: BRN Brown, GLD Gold and GML Gunmetal
- Features: Titanium 100, light, corrosion-resistant, OBE double action spring hinge, N-Tite™ system
- Side Shield: T-LOC® only, new patented flex shield, CS11

**NEW!**



#### **NEW! Titmus EXT12**

- Sizes: 49.19.135, 51.19.140
- Colors: BRN Brown, GLD Gold and WIN Wine Matte, LGR Light Gray Matte
- Features: Titanium 100, light, corrosion-resistant, OBE double action spring hinge, N-Tite™ system
- Side Shield: T-LOC® only, new patented flex shield, CS12



#### **Titmus EXTs 1**

- Sizes: 48.21.140; 50.21.145
- Colors: LBR Light Brown Matte, LGR Light Gray Matte
- Features: Titanium, spring hinge, nickel-free plating, N-Tite™ system
- Side Shield: T-LOC® only, gray shield available, CS60



#### **Titmus EXTs 2**

- Sizes: 48.21.140; 50.21.145
- Colors: LBR Light Brown Matte, DKB Dark Brown Matte
- Features: Titanium, spring hinge, nickel-free plating, N-Tite™ system
- Side Shield: T-LOC® only, gray shield available, CS60

### SWRx Collection



#### **Titmus SW02**

- Sizes: 54.17.130; 56.17.135
- Colors: BLV Blue Venom, GTW Gray Tumbleweed, ADB Adobe Brown
- Features: Stainless steel, spring hinge, 15° face-form wrap
- Side Shield: T-LOC® only, gray shield available, CS02



#### **Titmus SW03**

- Sizes: 54.15.135; 56.15.140; 58.15.145
- Colors: BLV Blue Venom, DSD Desert Sand, KCH Knife Chrome
- Features: Stainless steel, spring hinge, nickel-free plating, 15° face-form wrap
- Side Shield: T-LOC® only, gray shield available, CS03

**NEW!**



#### **NEW! Titmus SW04**

- Sizes: 50.20.130; 53.20.135
- Colors: BLU Blue, BRN Brown, GML Gunmetal, WIN Wine
- Features: Stainless steel, spring hinge, N-Tite™ system
- Side Shield: Top/side shield, clear/smoke available, CS04/CS04S3

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## Prescription Safety Frames

### NEW! Titmus SW06E

- Sizes: 57.16.125
- Colors: BRN Brown/Yellow accents, BLK Black/Orange accents
- Features: Trogamid nylon, no metal content, removable/replaceable dust dam, adjustable nose pads, superior coverage, integral shield design, 17° face-form wrap



### NEW! Titmus SW08

- Sizes: 53.17.110, 56.17.115
- Colors: BLK Black, BRN Brown, TOR Tortoise
- Features: Hand made acetate, wrapped endpieces
- Side Shield: None – temple coverage meets requirements



## Exclusive Collection

### Titmus EX272

- Sizes: 48.20.135; 50.20.140; 52.20.145
- Colors: GLD Goldtone, ROS Rose, ANB Antique Brown
- Features: Spring hinge
- Side Shield: T-LOC<sup>®</sup> only, CS62



### Titmus EX275S

- Sizes: 50.18.135; 52.20.140
- Colors: BLU Blue, BRN Brown, PEW Pewter
- Features: Stainless steel, spring hinge, N-Tite<sup>™</sup> system
- Side Shield: T-LOC<sup>®</sup> only, gray shield available, CS65



### Titmus EX278S

- Sizes: 54.18.135, 56.18.140
- Colors: BLU Blue, BRN Brown, GRA Gray
- Features: Stainless steel, spring hinge, rimless design
- Side Shield: T-LOC<sup>®</sup> only, CS27



## Trendsetters Collection



### Titmus TR301S

- Sizes: 48.19.140; 50.19.145; 52.19.145
- Colors: GRA Gray, BRN Brown
- Features: Stainless steel, spring hinge
- Side Shield: T-LOC<sup>®</sup> only, gray shield available, CS65



### Titmus TR302S

- Sizes: 49.21.140; 51.21.145
- Colors: GRA Gray, BRN Brown, BUR Burgundy
- Features: Stainless steel, spring hinge
- Side Shield: T-LOC<sup>®</sup> only, CS66

## The “N-Tite™” System

The N-Tite System is designed to increase lens retention so that employees who work in environments where hazardous impacts are possible are protected in accordance with ANSI Z87.1 Standard guidelines.

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### Trendsetters Collection

#### Titmus TR303S

- Sizes: 48.21.140; 50.21.145
- Colors: GRA Gray, BRN Brown
- Features: Stainless steel, spring hinge
- Side Shield: T-LOC® only, gray shield available, CS60



#### Titmus TR304S

- Sizes: 49.20.140; 51.20.145
- Colors: ROS Rose, GRA Gray, ANB Antique Brown
- Features: Stainless steel, spring hinge
- Side Shield: T-LOC® only, gray shield available, CS60

#### Titmus TR305S

- Sizes: 48.18.140; 50.18.145
- Colors: BRN Brown, GRA Black/Gray
- Features: Stainless steel, spring hinge
- Side Shield: T-LOC® only, CS67



#### Titmus TR309S

- Sizes: 46.19.135, 48.19.135, 50.19.140
- Colors: BRN Brown, GRA Gray, VIO Violet
- Features: Stainless steel, spring hinge, N-Tite™ system
- Side Shield: T-LOC® only, CS60



#### Titmus TR310S

- Sizes: 47.19.135, 49.19.135, 51.19.140
- Colors: GRA Gray, GRN Green, VIO Violet
- Features: Stainless steel, spring hinge, N-Tite™ system
- Side Shield: T-LOC® only, CS64



#### NEW! Titmus TR311S

- Sizes: 56.14.135, 58.15.135, 60.16.140
- Colors: BRN Brown, GLD Gold and PEW Pewter
- Features: Stainless steel, corrosion-resistant, OBE double action spring hinge, N-Tite™ system
- Side Shield: New patented flex shield design, CS31

### Premier Collection

#### Titmus PC250 or PC250SW

- Sizes: 54.16.140; 56.16/18.145 58.18.145
- Colors: GLD Goldtone, PEW Pewter, TOR Tortoise, BRN Brown
- Features: Spring hinge, molded uni-fit bridge (PC250SW)
- Note: PC250SW not available in Goldtone
- Side Shield: Gray shield available, CS82



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### Titmus PC264

- Sizes: 50.20.140; 52.20.145
- Colors: GML Gunmetal, ANG Antique Goldtone, ANB Antique Brown
- Features: Spring hinge
- Side Shield: Gray shield available, CS64

### Titmus PC265A

- Sizes: 53.16.145; 55.16.150
- Colors: BKT Black/Tortoise, SDM Steel Demi
- Side Shield: T-LOC<sup>®</sup> only, CS68



### Titmus PC266A

- Sizes: 50.16.140; 52.16.145
- Colors: TBL Tortoise/Blue, BKT Black/Tortoise
- Side Shield: T-LOC<sup>®</sup> only, CS68



### Titmus PC267

- Sizes: 49.20.140; 51.20.145
- Colors: GRA Gray, ANB Antique brown
- Features: Spring hinge
- Side Shield: T-LOC<sup>®</sup> only, gray shield available, CS60



### Titmus PC268

- Sizes: 53.20.140; 55.20.145
- Colors: ANB Antique brown, CHR Chrome
- Features: Spring hinge
- Side Shield: T-LOC<sup>®</sup> only, gray shield available, CS64



### Titmus PC269

- Sizes: 49.16.125; 52.16.130
- Colors: GRA Gray, BLK Black, BRN Brown
- Features: Spring hinge, 135mm temples available
- Side Shield: T-LOC<sup>®</sup> only, gray shield available, CS69



### Titmus PC280

- Sizes: 49.18.135; 52.18.140
- Colors: BLU Blue, BRN Brown, ROS Rose
- Features: Spring hinge
- Side Shield: T-LOC<sup>®</sup> only, CS62



**All Uvex<sup>®</sup> Safety Rx Eyewear meet the ANSI Z87.1 Standard and are regularly tested on an ongoing basis to ensure continuing compliance.**

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No other industrial safety Rx eyewear company does this.

# Prescription Safety Frames

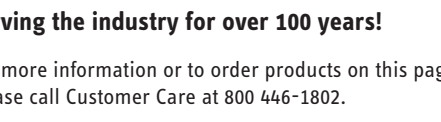
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## Baseline Collection

### Titmus FC703

- Sizes: 52.20.140; 54.20.145
- Colors: GLD Goldtone, GML Gunmetal
- Side Shield: T-LOC® only, gray shield available, CS64

### Titmus FC704

- Sizes: 49.18.140; 51.18.145
- Colors: BRN Brown, GRA Gray
- Side Shield: CS94



### Titmus FC705

- Sizes: 50.19.140; 52.19.145
- Colors: BRN Brown, GRA Gray
- Side Shield: CS94



### Titmus FC706

- Sizes: 49.20.140; 51.20.145
- Colors: ANB Antique Brown, ASM Antique Silver Matte
- Side Shield: T-LOC® only, gray shield available, CS60



### Titmus FC707

- Sizes: 50.21.140; 52.21.145
- Colors: ANB Antique Brown, DGM Dark Gunmetal
- Side Shield: T-LOC® only, gray shield available, CS67

### Titmus BC101

- Sizes: 54.17.140; 56.17.145; 58.17.150
- Colors: GLD Goldtone, DMB Demi Amber, DGR Demi Gray
- Features: Spring hinge
- Side Shield: C101



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## Prescription Safety Frames

### Titmus BC104A

- Sizes: 51.19.140; 53.19.145
- Colors: GLD Goldtone, GML Gunmetal
- Features: Spring hinge
- Side Shield: T-LOC<sup>®</sup> only, gray shield available, CS64



### Titmus BC109

- Sizes: 49.19.135; 51.19.140; 53.19.140
- Colors: ANG Antique Gold, DMB Demi Amber, DRD Demi Red
- Features: Spring hinge
- Side Shield: T-LOC<sup>®</sup> only, gray shield available, CS96



### Titmus BC115

- Sizes: 48.20.140; 51.20.145
- Colors: DBZ Dark Bronze, DST Dark Steel
- Features: Spring hinge
- Side Shield: T-LOC<sup>®</sup> only, gray shield available, CS60



## Standard Collection



### Titmus MPD (MultiPurposeDevice)

- Sizes: 59.15.115-130
- Colors: SMK Smoke
- Features: Integral shields, no metal content, superior coverage, adjustable temples



### NEW! Titmus SC910

- Sizes: 52.16.140, 55.18.145
- Colors: GRA Gray, BRN Brown
- Features: No temple corewires – low metal content, polycarbonate temples
- Side Shield: Integral design





SPERIAN Protection Americas, Inc.  
900 Douglas Pike  
Smithfield, RI 02917  
Tel: 800 343-3411  
Fax: 800 322-1330  
[www.sperian.com](http://www.sperian.com)

# SAFETY PRODUCTS CATALOG 2010



**INDUSTRIAL SAFETY GROUP**

**SPERIAN**  
Protection you can trust



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**⚠ WARNING!** Howard Leight® equipment should only be used in conjunction with the manufacturer's instructions. Failure to follow such instructions could result in serious injury including diminution or loss of hearing.

# Howard Leight Hearing Protection

## YOUR EMPLOYEES DESERVE THE BEST HEARING PROTECTION, PERIOD.

From technical innovations to educational initiatives to field verification, Sperian Hearing Protection offers a suite of resources to make hearing conservation happen.

Sperian's Howard Leight® brand is a global leader in passive and intelligent hearing protection solutions, and particularly, the recently established HearForever™ initiative. For over 30 years, Howard Leight has been associated with the prevention of occupational hearing loss through innovation in hearing protection design, technology, performance and comfort, and the promotion of progressive Hearing Conservation Programs. Leading solutions include the highest attenuating Max® single-use earplug; patented Air Flow Control™ technology for optimal earmuff attenuation; QuietDose™ personal in-ear dosimetry; and the industry-changing VeriPRO® earplug fit testing system. Visit us online at [www.howardleight.com](http://www.howardleight.com)



### Earplugs

**It's all about choice.**

A commitment to hearing protection means considering all the features that make one earplug different from another: material, shape, size and NRR. Sperian makes it easy to compare products and ensure that all your employees receive the right fit and protection.



### Earmuffs

**The ultimate in safety and protection.**

Every day, employees count on Howard Leight® earmuffs to block noise and manage sound in some of the world's most acoustically challenging environments. We offer a range of earmuffs with varying product features and attenuation levels targeted to the demands of different users and environments.

[www.howardleight.com](http://www.howardleight.com)

# It's a matter of choice.



EYE & FACE PROTECTION

RESPIRATORY PROTECTION

INSTRUMENTATION

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HEARING PROTECTION

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Hearing conservation is about more than supplying your employees with earplugs or earmuffs that block the most noise. It is about finding the solution that's right for your people.

At Sperian Hearing Protection, we realize that the people who depend on our products to protect their hearing are as diverse as you can imagine. And the ways people select the right hearing protection are just as diverse.

What's most important to you and your employees? Reusability vs. hygiene? Long-term comfort? NRR? Detectability? Convenience? Unique industry requirements? You'll find all of our Howard Leight® hearing protection options indexed in ways that help you find the solution you need, your way.

## The right fit for every user, every environment.

### Fit.

**Fitting employees of all shapes and sizes doesn't have to be difficult.** The right earplug or earmuff should feel comfortable without compromising protection. Howard Leight hearing protectors offer a combination of advanced design and material science that ensures the proper fit for every employee.

### Selection.

#### **Why so many earplugs and earmuffs?**

Because people and their ears and their environments are all so different. Sperian Hearing Protection offers the widest range of styles to accommodate almost any situation.

### Protection.

#### **Your employees need the right level of protection.**

Not enough and they're vulnerable to hearing damage. Too much and they become isolated from their environment. Our innovations deliver protection at both extremes, and every point in between.



EYE & FACE PROTECTION

RESPIRATORY PROTECTION

INSTRUMENTATION

HAND & ARM PROTECTION

HEARING PROTECTION

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## Single-Use Earplugs

### Single-Use Doesn't Mean Single Choice

Under the Howard Leight® brand, we offer a comprehensive selection of Single-Use Earplugs that includes the comfort features your employees deserve in a range of attenuation ratings.



#### Max®

- The world's most-used polyurethane foam earplug
- Contoured bell-shape is easier to insert, resists tendency to back-out of ear canal
- Polyurethane foam enhances comfort, especially for long-term wear
- Smooth, soil-resistant closed-cell foam skin prevents dirt build-up
- Max USA in patriotic red/white/blue colors

Item #	Cording	Packaging	NRR	Canada Class
MAX-1	Uncorded	Polybag	33	A (L)
MAX-5	Uncorded	5PR Resealable Bag	33	A (L)
MAX-LS4	Uncorded	Bulk Refill Bag for Leight Source 400	33	A (L)
MAX-1-D	Uncorded	Bulk Refill Box for Leight Source 500	33	A (L)
MAX-30	Corded	Polybag	33	A (L)
MAX-30-PB	Corded	Paper Bag	33	A (L)
MAX1-USA	Max USA Uncorded	Polybag	33	A (L)
MAX-1-D-USA	Max USA Uncorded	Bulk Refill Box for Leight Source 500	33	A (L)
MAX30-USA	Max USA Corded	Polybag	33	A (L)

#### Max Lite®

- Ideal size for workers with smaller ear canals
- Low pressure polyurethane foam expands gently for comfortable long-term wear
- Contoured T-shape for easy handling and wear
- Smooth, soil-resistant closed-cell foam skin prevents dirt build-up



Item #	Cording	Packaging	NRR	Canada Class
LPF-1	Uncorded	Polybag	30	A (L)
LPF-1-PB	Uncorded	Paper Bag	30	A (L)
LPF-LS4	Uncorded	Bulk Refill Bag for Leight Source 400	30	A (L)
LPF-1-D	Uncorded	Bulk Refill Box for Leight Source 500	30	A (L)
LPF-30	Corded	Polybag	30	A (L)
LPF-30-PB	Corded	Polybag	30	A (L)
LPF-30-P	Cotton Cord	Paper Bag	30	A (L)

#### Laser Lite®

- Vibrant colors make protection visible
- Self-adjusting foam expands to fit virtually every wearer
- Contoured T-shape for easy insertion and wear
- Smooth, soil-resistant closed-cell foam skin prevents dirt build-up



Item #	Cording	Packaging	NRR	Canada Class
LL-1	Uncorded	Polybag	32	A (L)
LL-1-PB	Uncorded	Paper Bag	32	A (L)
LL-LS4	Uncorded	Bulk Refill Bag for Leight Source 400	32	A (L)
LL-1-D	Uncorded	Bulk Refill Box for Leight Source 500	32	A (L)
LL-30	Corded	Polybag	32	A (L)
LL-30-PB	Corded	Paper Bag	32	A (L)

For more information or to order products on this page, please call Customer Care at 800 430-5490.



## Single-Use Earplugs

### Multi Max®

- Two-sizes-in-one design improves individual fit while simplifying inventory
- Self-adjusting polyurethane foam expands to fit virtually every wearer
- Smooth, soil-resistant closed-cell foam skin prevents dirt build-up



Item #	Cording	Packaging	NRR	Canada Class
MM-1	Uncorded	Polybag	31	A (L)
MM-1-PB	Uncorded	Paper Bag	31	A (L)
MM-LS4	Uncorded	Bulk Refill Bag for Leight Source 400	31	A (L)
MM-1-D	Uncorded	Bulk Refill Box for Leight Source 500	31	A (L)

### Matrix™

- Patented no-roll design makes insertion fast and easy
- Smooth outer skin and reduced diameter provide long-term comfort
- Delivers instant protection upon proper insertion – no need to wait for foam to expand
- Uniform attenuation profile blocks out noise while voice frequencies can be heard more naturally
- Three attenuation levels for targeted attenuation



Item #	Cording	Packaging	NRR	Canada Class
MTX-1-OR	Orange/Uncorded	Polybag	29	A (L)
MTX-1-GR	Green/Uncorded	Polybag	27	A (L)
MTX-1-BU	Blue/Uncorded	Polybag	23	A (L)
MTX-30-OR	Orange/Corded	Polybag	29	A (L)
MTX-30-GR	Green/Corded	Polybag	27	A (L)
MTX-30-BU	Blue/Corded	Polybag	23	A (L)
MTX-OR-LS4	Orange/Corded	Bulk Refill Bag for Leight Source 400	29	A (L)
MTX-GR-LS4	Green/Corded	Bulk Refill Bag for Leight Source 400	27	A (L)
MTX-BU-LS4	Blue/Corded	Bulk Refill Bag for Leight Source 400	23	A (L)
MTX-1-OR-D	Orange/Corded	Bulk Refill Box for Leight Source 500	29	A (L)
MTX-1-GR-D	Green/Corded	Bulk Refill Box for Leight Source 500	27	A (L)
MTX-1-BU-D	Blue/Corded	Bulk Refill Box for Leight Source 500	23	A (L)

### Dispensers

The Leight® Source 400 and the Leight® Source 500 dispensers save time, space and waste. For information on these products, refer to page 183.

### Special Packaging for Process Industries

Max®, Max Lite®, Laser Lite® and Multi Max® are available in a variety of styles for process industries, such as pulp and paper – including pulpable paper bags and cotton cords.



## Multiple-Use Earplugs

### SmartFit®

- Patented Conforming Material Technology™ uses body heat to adapt to the individual shape of each wearer's ear canal
- Delivers superior comfort and a truly individual fit
- Simplifies inventory control – a single product fits almost every wearer
- Detachable cord system and HearPack® storage case
- SmartFit Process Industry style features attached cotton cord and paper bag, ideal for process industries (SMF-30W-P)



Item #	Cording	Packaging	NRR	Canada Class
SMF-30	Detachable Cord	HearPack	25	A (L)
SMF-30W-P	Attached Cotton Cord	Paper Bag	25	A (L)

**Multiple-Use Earplugs last for weeks, reduce waste and save money.**

**They can be easily cleaned with soap and water. Ideal for environments where workers can retain and store earplugs for reuse.**

## Multiple-Use Earplugs

### Corded Options

In many environments, workers need to remove their earplugs during the course of a day's work.

Sperian offers a wide selection of products with cords that make removing and refitting more convenient, and reduce incidents of lost earplugs.



### Fusion®

- Patented dual-material design
- FlexiFirm® stem is easy to grasp, ensuring easy insertion into the ear canal
- SoftFlange™ creates comfortable seal in the ear canal for superior comfort and protection
- Unique detachable nylon cord system adapts to virtually any application
- Two sizes fine-tune fit for personal comfort and safety (green/small, blue/regular)



Item #	Cording	Packaging	NRR	Canada Class
FUS30-HP	Regular/Corded	HearPack	27	A (L)
FUS30S-HP	Small/Corded	HearPack	27	A (L)

### Clarity®

- Patented Sound Management Technology™ (SMT) enhances communication by blocking low and medium frequencies while higher frequencies (voice, signals, alarms) can be heard more naturally, with less distortion
- Low attenuation ideal for marginal noise environments of 95 dB or lower
- Preventing overprotection and improving overall worker safety and compliance
- Patented quadruple SoftFlange™ design creates comfortable seal in the ear canal for all-day comfort
- Two sizes fine-tune fit for personal comfort and safety (green/small, blue/regular)
- Cord adjuster adapts length to suit personal preference or application
- Reusable case with hook attaches to belt loop, apron, bag or other work tools

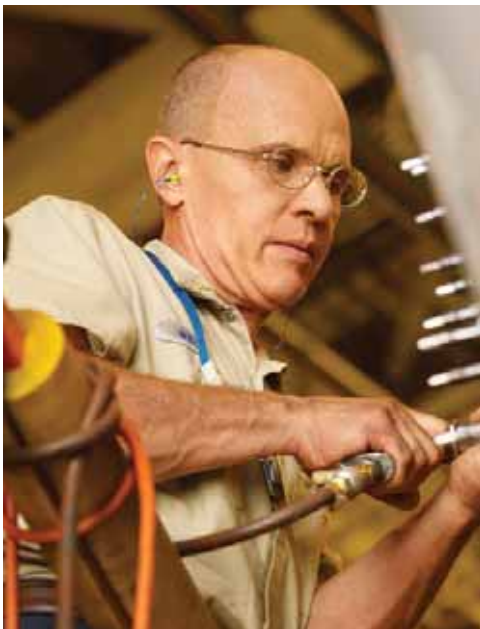
Item #	Cording	Packaging	NRR	Canada Class
1005329	Regular/Corded	Reusable Case	21	A (L)
1005328	Small/Corded	Reusable Case	21	A (L)

### AirSoft®

- Advanced air pocket design features internal noise-blocking fins
- Four-flange profile creates better seal in the ear canal
- Less pressure in the ear canal eliminates that “plugged up” feeling
- Rounded flanges, tapered shape fits better in the ear canal
- Firm stem facilitates easy insertion and removal
- Outstanding noise-blocking protection – highest attenuation in multiple-use



Item #	Cording	Packaging	NRR	Canada Class
DPAS-1	Uncorded	Polybag	27	A (L)
DPAS-30R	Red Polycord	Polybag	27	A (L)
DPAS-30W	White Nylon Cord	Polybag	27	A (L)
AS-1	Uncorded	Reusable Case	27	A (L)
AS-30R	Red Polycord	Reusable Case	27	A (L)
AS-30W	White Nylon Cord	Reusable Case	27	A (L)



For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Multiple-Use Earplugs

### Quiet®

- Patented “no-roll” design is easy to handle and fit
- Contoured shape comfortably matches contours of the ear canal
- Smooth, non-irritating skin provides all-day comfort, easy to clean for long-term use
- Built-in insertion stem makes insertion quick and easy

Item #	Cording	Packaging	NRR	Canada Class
QD1	Uncorded	Polybag	26	A (L)
QD1-RC	Uncorded	Reusable Case	26	A (L)
QD-1-DS	Uncorded	Bulk Refill Box for Leight Source 500	26	A (L)
QD1-SM	Small/Uncorded	Polybag	26	A (L)
QD1-RC-SM	Small/Uncorded	Reusable Case	26	A (L)
QD1-LG	Large/Uncorded	Polybag	26	A (L)
QD1-RC-LG	Large/Uncorded	Reusable Case	26	A (L)
QD30	Corded	Polybag	26	A (L)
QD30-RC	Corded	Reusable Case	26	A (L)
QD30-SM	Small/Corded	Polybag	26	A (L)
QD30-RC-SM	Small/Corded	Reusable Case	26	A (L)
QD30-LG	Large/Corded	Polybag	26	A (L)
QD30-RC-LG	Large/Corded	Reusable Case	26	A (L)



### NEW! Pilot™

- Combines the performance of Quiet® with the superior comfort of Max® in a hybrid, push-in style earplug
- Delivers long-wearing comfort and total control over your fit
- Inserts easily into your ear with a simple fingertip twist of the Navigation Stem for a quick, snug and comfortable fit
- Soft, pearl-skinned Howard Leight® polyurethane foam is resilient and easy to clean, delivering reliable, long-wearing performance
- NRR 26 provides ideal, consistent hearing protection in more noise environments and for more workers
- Can be used for up to several working days/shifts without impacting its overall performance

Item #	Cording	Packaging	NRR	Canada Class
PLT-1	Uncorded	Polybag	26	A (L)
PLT-30	Corded	Polybag	26	A (L)



## Detectable Earplugs

### Laser Trak®

- Non-ferrous metal grommet and bright colors – easily detected by visual and automated inspection
- Self-adjusting foam expands to fit virtually any wearer
- Contoured T-shape for easy insertion and wear



Item #	Cording	Packaging	NRR	Canada Class
LT-30	Corded	Polybag	32	A (L)

**Our comprehensive selection of Detectable Earplugs is designed for high visibility and detectability.**

**Available in Single-Use and Multiple-Use options and specially created for environments where contamination from foreign objects is unacceptable.**

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Detectable Earplugs



### SmartFit® Detectable

- Conforming Material Technology™ adapts to the shape of the surrounding ear canal when in your ear
- Delivers superior comfort and a truly individual fit
- Simplifies inventory control – a single product can fit almost every wearer
- Blue color provides high visibility in detection (SmartFit Detectable and SmartFit Blue)
- Metal ring on stem detectable by automated equipment (SmartFit Detectable only)

Item #	Cording	Packaging	NRR	Canada Class
SDT-30	SmartFit Detectable/Attached Polycord	Polybag	25	A (L)
SMF-30BU	SmartFit Blue/Nylon Cord	Polybag	25	A (L)



### Fusion® Detectable

- Patented dual material design
- Blue color provides high visibility in automated detection
- FlexiFirm® stem is easy to grasp, ensures easy insertion into the ear canal
- SoftFlanges create comfortable seal in the ear canal for superior comfort and protection
- Attached cord and metal stem ring easily detected by automated equipment
- Cleans with soap and water, lasts for weeks
- Two sizes fine-tune fit for personal comfort and safety (clear stem/small, translucent blue stem/regular)

Item #	Cording	Packaging	NRR	Canada Class
FDT-30	Regular/Corded	HearPack	25	A (L)
FDT-30-SM	Small/Corded	HearPack	25	A (L)

## Banded Earplugs

### Howard Leight® Banded Earplugs offer a variety of performance features.

**Our patented band design prevents ear pods from touching dirty or contaminated surfaces when set down.**

Great for managers or for use in environments with intermittent noise hazards.

### QB1HYG®

- Inner-aural protection
- Smooth, ergonomic pods fit in the ear for maximum protection
- Patented band design prevents pods from touching dirty or contaminated surfaces
- Lightweight and portable – designed especially for environments with intermittent noise hazards
- Includes pair of replacement pods

Item #	Description	Packaging	NRR	Canada Class
QB1HYG	Inner-Aural Band	Resealable Bag	27	B (L)
QB100HYG	Replacement Pods	Polybag		

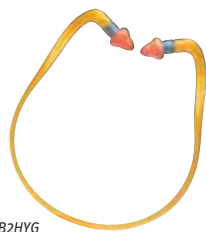
### QB2HYG®

- Supra-aural protection
- Soft pods rest partially in the ear canal for a balance of comfort and protection
- Patented band design prevents pods from touching dirty or contaminated surfaces
- Lightweight and portable – designed especially for environments with intermittent noise hazards
- Includes pair of replacement pods

Item #	Description	Packaging	NRR	Canada Class
QB2HYG	Supra-Aural Band	Resealable Bag	25	B (L)
QB200HYG	Replacement Pods	Polybag		



QB1HYG



QB2HYG

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Banded Earplugs

### QB3HYG®

- Semi-aural protection
- Soft pods rest outside the ear canal opening for a balance of comfort and protection
- Patented band design prevents pods from touching dirty or contaminated surfaces
- Lightweight and portable – designed especially for environments with intermittent noise hazards
- Includes pair of replacement pods



QB3HYG

Item #	Description	Packaging	NRR	Canada Class
QB3HYG	Semi-Aural Band	Resealable Bag	23	B (L)
QB300HYG	Replacement Pods	Polybag		

### PerCap®

- Semi-aural protection, super soft pods rest outside the ear canal opening
- Multiple position wear – over the head, under the chin or behind the neck – provides flexibility in wear
- Compact, folding design easy to store in pocket



PERCAP

Item #	Description	Packaging	NRR	Canada Class
PERCAP	Folding Band	Resealable Bag	21	B (L)
PC100	Replacement Pods	Polybag		

## Earplug Dispensers

### Leight® Source 400

- Durable plastic design is an economical choice for dispensing earplugs
- Mounts to wall or stands as table-top dispenser with balanced footing
- Twist knob to dispense earplugs
- Catch basin prevents earplugs from falling to the ground
- Holds 400 pairs of Howard Leight® Single-Use earplugs: Max®, Max Lite®, Laser Lite®, Multi Max®, Matrix™



LS-400, LL-LS4 Refill

Item #	Description	Packaging
LS-400	Leight Source 400	Box

### Leight® Source 500

- Heavy-duty anodized aluminum withstands constant use
- Mount on wall for easy access
- Crank handle to dispense earplugs
- Ideal for large factories and process industries
- Holds 500 pairs of Howard Leight® earplugs: Max®, Max Lite®, Laser Lite®, Multi Max®, Matrix™, and Quiet®



LS-500, MAX-1-D Refill

Item #	Description	Packaging
LS-500	Leight Source 500	Box

**Save time, space and waste with earplug dispensers.**

**For big and small operations, dispensers offer an economical, hygienic and user-friendly source for hearing protection.**

## Noise Blocking Earmuffs

**When you need to block noise, Howard Leight® earmuffs give you the tools to do the job right.**

**From maximum attenuation to maximum value, we set the standard for noise blocking and hearing protection. Our Lightning®, Thunder®, Viking®, Mach™ and QM24+® series earmuffs provide a choice of features and protection ideal for many workers and environments.**



1010924



1011991

### Air Flow Control™ Technology

Sperian's patented Air Flow Control technology™ delivers optimal attenuation across all frequencies, without increasing earmuff size or weight. A patented baseplate chamber and high-tech non-woven layer manage the flow of air inside the earmuff to control how sound reaches the ear.

The result is better, more consistent overall attenuation for virtually all industrial noise environments. Air Flow Control is a standard feature on all Lightning®, Thunder® and Viking® series earmuffs.

### Leightning®

- Robust steel construction withstands demanding use, especially in tough environments
- Features patented Air Flow Control™ technology for optimal attenuation
- Snap-in ear cushions make replacement quick and easy
- Multiple attenuation levels allow for targeted attenuation for a variety of applications

#### Headband – L1, L2, L3

- Padded foam headband delivers superb comfort with minimal pressure on the head
- Telescopic height adjustment remains fixed during use

#### Cap-Mounted – L1H, L2H, L3H

- For use with a wide range of hard hats
- Earcups snap in place during use and swing back when not in use
- Includes pair of hard hat adapters

#### Neckband – L0N, L1N, L2N, L3N

- Sleek, anatomical behind-the-neck design for use with face shields, visors, hard hats and other PPE
- Includes attached elastic headband strap for better positioning

#### Folding – L0F, L2F

- Convenient folding design for easy storage
- Folding Earmuff Belt Case also available

#### Ultraslim – L0N, L0F

- Ultraslim, lightweight earcups – ideal for lower noise levels
- L0N can be worn with welding shields, hard hats and other PPE
- L0F folds to less than 4" wide

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1013461	Leightning L0F	Folding	23	B	1011998
1013460	Leightning L0N	Neckband	22	B	1011998
1010922	Leightning L1	Headband	25	B	1011998
1011991	Leightning L1H	Cap-Mounted	23	B (L)	1011998
1011994	Leightning L1N	Neckband	25	B	1011998
1010923	Leightning L2	Headband	27	B (L)	1011999
1011997	Leightning L2F	Folding	27	B (L)	1011999
1011992	Leightning L2H	Cap-Mounted	25	B (L)	1011999
1011995	Leightning L2N	Neckband	26	A (L)	1011999
1010924	Leightning L3	Headband	30	A (L)	1012000
1011993	Leightning L3H	Cap-Mounted	27	A (L)	1012000
1011996	Leightning L3N	Neckband	28	A (L)	1012000

Packaging: Individual box



1013460



1011997

## Noise Blocking Earmuffs

### Leightning® Hi-Visibility

- Bright green earcups provide high visibility and contrast
- Exclusive reflective headband illuminates under light for increased visibility and safety (L2FHV, L2HV)
- Ideal to wear at night, during the day, in low light and under inclement weather conditions
- Features patented Air Flow Control™ technology for optimal attenuation
- Robust steel construction withstands demanding use, especially in tough environments
- Snap-in ear cushions make replacement quick and easy

#### Headband – L3HV

- Padded foam headband delivers superb comfort with minimal pressure on the head
- Telescopic height adjustment remains fixed during use

#### Cap-Mounted – L1HHV

- For use with a wide range of hard hats
- Earcups snap in place during use and swing back when not in use
- Includes pair of hard hat adapters

#### Folding – L2FHV

- Convenient folding design for easy storage
- Folding Earmuff Belt Case also available



1013942



1013941



1015020

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1015020	Leightning L1HHV Hi-Vis	Cap-Mounted	23	B (L)	1011998
1013942	Leightning L2FHV Hi-Vis	Folding	27	B (L)	1011999
1013941	Leightning L3HV Hi-Vis	Headband	30	A (L)	1012000

Packaging: Individual box

### Thunder®

- Dielectric construction suitable for all workplaces, especially electrical environments
- Features patented Air Flow Control™ technology for optimal attenuation
- Quick-Click height adjustment remains fixed during wear
- Snap-in ear cushions make replacement quick and easy

#### Headband – T1, T2, T2HV, T3

- Uniform headband pressure for all head sizes, providing better comfort for long-term wear
- Inner-ventilated headband minimizes pressure on the head, breathes easier in warm/humid climates (T2 and T3 only)
- Non-deforming outer headband withstands rough treatment

#### Cap-Mounted – T1H, T2H, T3H

- For use with a wide range of hard hats
- Earcups snap in place during use and swing back when not in use
- Includes pair of hard hat adapters

#### Folding – T1F

- Convenient folding design for easy storage
- Folding Earmuff Belt Case also available



1015820



1011602



1010970

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1010928	Thunder T1	Headband	26	A	1010974
1011600	Thunder T1F	Folding	25	A	1010974
1011601	Thunder T1H	Cap-Mounted	23	A	1010974
1010929	Thunder T2	Headband	28	A (L)	1010975
1015820	Thunder T2HV Hi-Vis	Headband	28	A (L)	1010975
1011602	Thunder T2H	Cap-Mounted	25	A (L)	1010975
1010970	Thunder T3	Headband	30	A (L)	1010976
1011603	Thunder T3H	Cap-Mounted	27	A (L)	1010976

Packaging: Individual box

## Noise Blocking Earmuffs



1010927

### Viking®

- Multiple-position headband allows wearer to select position over-the-head, behind-the-head or under-the-chin
- Alternative to cap-mounted earmuffs – wear with hard hats, face shields, respirators and other PPE
- Inner-ventilated headband minimizes pressure on the head, breathes easier in warm/humid climates (V2 and V3 only)
- Non-deforming outer headband withstands rough treatment in the toughest workplaces
- Snap-in ear cushions make replacement quick and easy
- Includes attached elastic headband strap for better positioning when worn behind-the-head or under-the-chin
- Dielectric construction suitable for electrical environments

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1010925	Viking V1	Multiple-Position	25	B	1011998
1010926	Viking V2	Multiple-Position	27	A (L)	1011999
1010927	Viking V3	Multiple-Position	29	A (L)	1012000

Packaging: Individual box



1010421

### Mach™ 1

- Economical design delivers adequate protection at a low cost
- Extremely lightweight construction provides all-day comfort
- Dielectric construction suitable for all workplaces, especially electrical environments

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1010421	Mach 1	Headband	18	B	N/A

Packaging: Polybag



QM24+

### QM24+®

- Ultra lightweight design
- Multiple-position headband allows wearer to select position over-the-head, behind-the-head or under-the-chin
- Alternative to cap-mounted earmuffs – wear with hard hats, face shields, respirators and other PPE
- Dielectric construction suitable for electrical environments

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
QM24+	QM24+	Multiple-Position	25	B	HK4

Packaging: Polybag

### Proper Care & Maintenance of Earmuffs

- Regularly inspect earcups and ear cushions for cracks and leaks – replace if cushions are visibly damaged or compromised
- Clean earcups and ear cushions regularly with mild soap and water
- Replace ear cushions and foam inserts every 6-8 months under normal wear, every 3-4 months with heavy use or in humid/extreme climates – refer to the Earmuff Accessories page for a complete listing of Howard Leight® earmuffs and specific hygiene kits



## Sound Management Earmuffs

### Clarity®

- Uniform attenuation allows wearer to hear co-workers, instructions, and other important sounds more naturally while blocking out harmful noise
- Dielectric construction suitable for all workplaces, especially electrical environments
- Quick-Click height adjustment remains fixed during wear
- Snap-in ear cushions make replacement quick and easy

#### Headband – C1, C3

- Uniform headband pressure for all head sizes, providing better comfort for long-term wear
- Inner-ventilated headband minimizes pressure on the head, breathes easier in warm/humid climates
- Non-deforming outer headband withstands rough treatment in the toughest workplaces

#### Multiple-Position – C2

- Multiple-position headband allows wearer to select position over the head, behind the head or under the chin

#### Cap-Mounted – C1H, C3H

- For use with a wide range of hard hats
- Earcups snap in place during use and swing back when not in use
- Includes pair of hard hat adapters

#### Folding – C1F

- Convenient folding design for easy storage
- Folding Earmuff Belt Case also available

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1011142	Clarity C1	Headband	20	B	1006080
1011143	Clarity C1F	Folding	20	B	1006080
1011144	Clarity C1H	Cap-Mounted	20	B	1006080
1011145	Clarity C2	Multiple-Position	23	B	1006081
1011146	Clarity C3	Headband	27	B (L)	1006081
1011147	Clarity C3H	Cap-Mounted	25	B (L)	1006081

Packaging: Individual box



### Avoid Overprotection!

**Avoid overprotecting your employees by selecting hearing protectors with the right amount of attenuation for their workplace, especially in marginal noise environments.**

Protectors with the highest attenuation may not be the most appropriate solution in low-level noise.

Also, consider their communication requirements. In some environments, workers need to communicate or hear signals and alarms while remaining protected from harmful noise.

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Sound Management Earmuffs



### Wearing Earmuffs with Other PPE?

**Avoid compromising overall worker safety when utilizing other personal protection equipment (PPE).**

- **Welding Shields** – Eliminate interference by using corded earplugs, bands or ultraslim neckband earmuffs.
- **Safety Eyewear** – As some frames can cause a gap between the head and earmuffs, Single-Use or Multiple-Use or banded earplugs are an ideal choice.
- **Hard Hats** – Use cap-mounted earmuffs when possible. For full-brim hard hats, select Multiple-Position or neckband earmuffs, or banded earplugs.
- **Respirators (SCBA, PAPR)** – Choose ultraslim earmuffs that allow clearance between earcup and hood, or earplugs.

### Impact®

- Amplifies ambient sound to safe 82 dB – response technology reverts to passive hearing protector when noise reaches 82 dB
- Sound amplification allows wearers to hear important communication – alarms/warning signals, co-workers' voices
- Directionally placed stereo microphones amplify and enhance sound for more natural hearing
- Inner-ventilated headband minimizes pressure on the head, breathes easier in warm/humid climates
- Non-deforming outer headband withstands rough treatment in the toughest workplaces
- Quick-Click height adjustment remains fixed during wear
- Snap-in ear cushions make replacement quick and easy
- Includes 2 AA batteries for 140 hours of use

#### Cap-Mounted – Impact H

- For use with a wide range of hard hats
- Earcups snap in place during use and swing back when not in use
- Includes pair of hard hat adapters

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1010376	Impact	Headband	23	B	1008000
1010632	Impact H	Cap-Mounted	21	B	1008000

Packaging: Individual box

### Impact® Sport

- Amplifies ambient sound to safe 82 dB – response technology reverts to passive hearing protector when noise reaches 82 dB
- Sound amplification allows wearers to hear important communication, alarms/warning signals, co-workers' voices
- Directionally placed stereo microphones amplify and enhance sound for more natural hearing
- Ultraslim, lightweight earcup design; low profile earcups with cut-out allow for full clearance of firearm stock, eliminating interference while shooting
- Contemporary leatherette headband, hunter green earcups
- Convenient folding design for easy storage
- Integrated power/volume knob
- AUX input allows connection to external MP3 players or other audio devices for additional listening off the field
- Snap-in ear cushions make replacement quick and easy
- Includes 2 AAA batteries



Item #	Description	Style	NRR	Canada Class	Hygiene Kit
R-01526	Impact Sport	Folding	22	B (L)	1015280

Packaging: Clamshell

## Radio Earmuffs

### AM/FM Radio

- High quality AM/FM radio reception
- Radio volume does not exceed 82 dB
- Lightweight design provides all-day comfort
- Inner-ventilated headband minimizes pressure on the head, breathes easier in warm/humid climates
- Non-deforming outer headband withstands rough treatment in the toughest workplaces
- Quick-Click height adjustment remains fixed during wear
- Snap-in ear cushions make replacement quick and easy
- 40-hour battery life from 2 AA batteries (included)



**Add music and routine jobs become more satisfying.**

**Our Radio earmuffs provide protection from noise – and let you listen to music from a built-in AM/FM radio.**

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1010375	AM/FM Radio	Headband	23	B	1008000

Packaging: Individual box

### Radio Hi-Visibility

- Bright green earcups provide high visibility and contrast
- Reflective headband illuminates under light for increased visibility and safety
- AUX input can connect to MP3 players and other
- Radio volume does not exceed 82dB
- Features patented Air Flow Control™ Technology, delivering higher attenuation across all noise frequencies, especially in low frequencies
- Snap-in ear cushions make replacement quick and easy
- Includes 2 AA batteries and 3.5mm connection cable



Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1015543	Radio Hi-Visibility	Headband	25	B (L)	1008000

Packaging: Clamshell

### Electo®

- Radio volume does not exceed 82 dB
- Sound amplification allows wearers to hear important communication – alarms/warning signals, co-workers' voices
- Directionally placed stereo microphones amplify and enhance sound for more natural hearing
- Separate controls for sound amplification and radio volume
- Snap-in ear cushions make replacement quick and easy
- Includes 2 AA batteries for 140 hours of use

#### Headband

- Inner-ventilated headband minimizes pressure on the head, breathes easier in warm/humid climates
- Non-deforming outer headband withstands rough treatment in the toughest workplaces
- Quick-Click height adjustment remains fixed during wear

#### Cap-Mounted – Electo H

- For use with a wide range of hard hats
- Earcups snap in place during use and swing back when not in use
- Includes pair of hard hat adapters

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1010374	Electo	Headband	23	B	1008000
1010631	Electo H	Cap-Mounted	21	B	1008000

Packaging: Individual box



## Earmuff Accessories

Everyday, workers count on Howard Leight® earmuffs to block noise and manage sound in some of the world's most acoustically challenging environments.

Our Earmuff Accessories ensure that these demands are met through a combination of performance and comfort features that put people first.



1000364



### Polar Hood®

- Balaclava-style hood provides protection from cold climates while ensuring optimal earmuff attenuation
- Patented side panels help to eliminate gap between earcup and ear, reducing hazardous noise exposure
- Does not distort sound or earmuff attenuation
- Seal around face prevents further exposure to the elements
- Adjustable design includes front zipper for ventilation and foldaway visor
- Bright green trim enhances visibility and safety outdoors
- Compatible with all Howard Leight® earmuffs, fits under most hard hats
- Ideal for airport ground crews, construction workers, oil/gas/petrochemical workers, frozen food production and other workers who require hearing protection while exposed to cold weather conditions



Item #	Description
1016870	Polar Hood – L/XL
1016871	Polar Hood – S/M

Packaging: Hang Card

### Cool Pads

- Apply to ear cushions to improve overall comfort and hygiene of earmuff wear
- Keep ears warm in cold climates, absorb moisture in humid areas
- Made of dermatologically tested material
- Absorb 15 times their own weight in moisture
- Fit all Howard Leight® earmuffs

Item #	Description
1000365	Cool Pads
1000364	Cool Pads

Packaging: 1000365 is 5 pair packs envelope; 1000364 is 100 pair dispenser pack box

### Slim Belt Clip

- Easy to attach to belt or pockets
- Convenient storage solution when the earmuff is not in use
- Low profile design and lightweight

Item #	Description
1016730	Slim Belt Clip

Packaging: Polybag

## Earmuff Accessories

### Folding Earmuff Belt Case

- Loops slide onto any belt for easy access
- Velcro flap easy to open, especially with gloves, folds flat when not in use
- Durable nylon construction withstands abuse
- Fits Leightning® L2F, Leightning® Hi-Visibility L2FHV, Thunder® T1F, Clarity® C1F and Impact® Sport folding earmuffs

Item #	Description
1000251	Folding Earmuff Belt Case

Packaging: Polybag



### Hygiene Kits

- Includes one pair of replacement ear cushions and one pair of foam inserts
- Extends performance and lifetime of earmuff
- Recommended replacement every 6 months w/general use, more frequently w/heavy use
- Snap-in ear cushions are standard on all Howard Leight® earmuffs

Item #	Description
1006080	Hygiene Kit – Clarity C1/C1F/C1H
1006081	Hygiene Kit – Clarity C2/C3/C3H
1010974	Hygiene Kit – Thunder T1/T1H/T1F
1010975	Hygiene Kit – Thunder T2/T2H/T2HV
1010976	Hygiene Kit – Thunder T3/T3H
1011998	Hygiene Kit – Leightning L1/L1H/L1N/L0N/L0F/L1HHV/Viking V1
1011999	Hygiene Kit – Leightning L2/L2H/L2N/L2F/L2FHV/Viking V2
1012000	Hygiene Kit – Leightning L3/L3H/L3N/L3HV/Viking V3
1008000	Hygiene Kit – Radio/Radio HV/Electo/Electo H/Impact/Impact H
1015280	Hygiene Kit – Impact Sport

Packaging: Polybag



### Hard Hat Adapters

- Easy to snap into slots or mount onto hard hats
- Durable plastic and metal styles to withstand the most demanding conditions
- Wide variety of adapters to fit nearly all available hard hats

Item #	Description
13910033	Hard Hat Adapter – Clip-On
13910034	Hard Hat Adapter – Dielectric Screw-On
13910035	Hard Hat Adapter – Centurion
13910036	Hard Hat Adapter – Balance, Bullard, LAS, MSA, Voss, Opus
13910037	Hard Hat Adapter – Norton, Bullard
13910038	Hard Hat Adapter – Protector, AO, JSP, Domeguard
13910039	Hard Hat Adapter – AO Safety, Bullard, Jackson, MSA North, Sperian

Packaging: Polybag



# HearForever™



## Listen Up

Despite years of regulation, the incidence of occupational noise-induced hearing loss (NIHL) continues to rise. The problem has grown to such an extent that the World Health Organization has called occupational noise-induced hearing loss, “the number one hidden disability in North America.” The National Institute for Occupational Safety and Health (NIOSH) has called NIHL “the most common occupational illness” in North America, with over 22 million American workers exposed to hazardous noise on a daily basis, and 8 million who suffer from occupational hearing loss. In addition, a recent National Health Interview Survey showed hearing problems among individuals aged 45 to 64 up 26 percent over the past 30 years.

Occupational hearing loss often lacks priority as a disability because it is a silent affliction. Unlike other industrial disabilities, NIHL causes no pain or trauma, is accompanied by no visible wounds, and is generally not noticed for several years. Workers are unlikely to realize when their hearing is being affected, and few understand that once lost, hearing cannot be restored. There is no way medical science can completely repair damaged hearing. Ironically, however, NIHL is easily prevented.

## Personalized Hearing Conservation

Hearing Conservation is about more than complying with government regulations or supplying employees with earplugs or earmuffs and documenting when they fail. It is about preventing noise-induced hearing loss in the first place. Fortunately, new research into the human factors involved in hearing protection and new technologies which allow a more precise approach to the problem are pointing out a new, more personalized way forward.

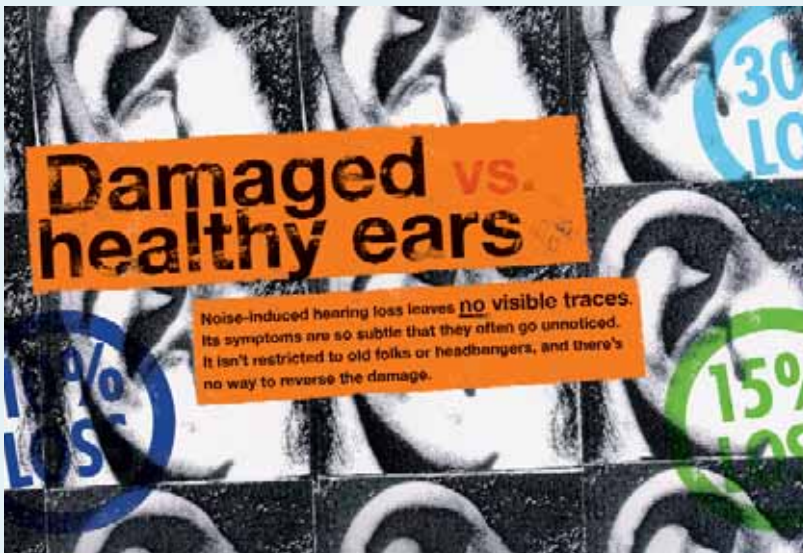
We live in an information age driven by new technology. Everything is measured. Everything is analyzed. Everything is connected. In transforming Hearing Conservation, safety professionals must also take a more measured approach to noise hazards and hearing loss prevention that relies on precise, real-time data to make intelligent decisions. The future of Hearing Conservation also requires a holistic approach. It's up to everyone involved in a Hearing Conservation Program – safety professionals, employees and company management – to take ownership and responsibility to change.

A personalized approach to Hearing Conservation can provide a more sound, productive and cost-effective system for managing personal hearing health, noise exposure and overall expectations. By utilizing several recent innovations that can assess precise, personalized data, safety professionals can now actually ensure – and document – a successful Hearing Conservation Program.

By utilizing new technologies such as VeriPRO® earplug fit testing and QuietDose™ in-ear dosimetry, by adopting a more effective regime of one-on-one training, and by taking a holistic approach to Hearing Conservation programming, incidence of noise-induced hearing loss can actually be eliminated on the job and its progression halted among those already afflicted.

## HearForever™

Hearing – and our ability to listen – defines our relationships and shapes our personalities. It keeps us connected to people and the environment around us, alerts us to danger, and helps to provide all of us with some form of social enjoyment. Hearing never sleeps – it keeps us aware every second of every day.



## Your hearing is a key sense and it is yours to protect.

You have every right to maintain good hearing even if you work and play around hazardous noise.

Join our new initiative, HearForever™, and learn more about how you can prevent noise-induced hearing loss, and become part of the next generation of Hearing Conservation at [hearforever.org](http://hearforever.org)

Like you, we're dedicated to promoting effective hearing safety practices on and off the job by providing you with the latest and best information about Hearing Conservation at [www.hearforever.org](http://www.hearforever.org)

Listen up. HearForever.

## VeriPRO® Earplug Fit Testing Technology

### VeriPRO®

#### *A personal approach to Hearing Conservation.*

VeriPRO makes it easy to get an accurate, real-world picture of your employees' hearing protection. Find out whether your employees are receiving optimal protection, require additional training on how to fit their earplugs, or need to try a different model. VeriPRO uses sophisticated software in a user-friendly format to find the Personal Attenuation Rating (PAR) your employees are receiving from their earplugs.

VeriPRO is a simple and effective way to implement better Hearing Conservation practices in any workplace:

- Measures the Personal Attenuation Rating (PAR) for each employee
- Captures real-world attenuation by using unmodified earplugs
- Works with any earplug, corded or uncorded, from any manufacturer
- Fulfills regulatory requirements to ensure proper initial fitting of hearing protection
- Creates accurate, easy-to-understand reports within minutes, including PAR, Safe Exposure Levels and Protected Exposure Levels
- Documents training and proper fit for new or existing employees
- Fit training videos provide additional training opportunity
- Provides an ideal opportunity for one-on-one education

Want VeriPRO to be part of your Hearing Conservation Program? Contact your Sperian representative, or call 1-877-VERIPRO or visit us online at [www.howardleight.com/veripro](http://www.howardleight.com/veripro)



## QuietDose™ In-Ear Dosimetry

### NEW! QuietDose™

#### *Know precisely. Protect personally.*

The new QuietDose system from Sperian Hearing Protection provides the ultimate in accuracy for assessment of personal workplace noise risk.

QuietDose is the first noise level monitoring system that uses in-ear dosimetry to measure every sound that reaches the user's eardrum. Dramatically more precise than existing area or personal sampling devices currently in use, QuietDose data equips safety managers to:

- Determine whether workers are using their earplugs or earmuffs correctly
- Track and address the potential of noise-induced hearing loss (NIHL) in real time
- Potentially eliminate dual protection
- Provide workers more appropriate hearing protectors
- Streamline worker deployment by matching shift hours with proper protection more accurately



For more information on how QuietDose can be part of your Hearing Conservation Program, please contact your Sperian representative, or call 800 711-6776 or visit us online at [www.howardleight.com/quietdose](http://www.howardleight.com/quietdose)



For more information or to order VeriPRO, please call Customer Care at 1-877-VERIPRO. For QuietDose, call 800 711-6776.

## Reference: Earplug Attenuation Chart

*NRR testing in accordance with ANSI S3.19-1974*

### Single-Use Earplugs

Max®		NRR 33				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	40.9	43.0	44.8	38.9	37.2	47.4	48.5	47.7	47.8
Std. Dev.	3.5	3.9	3.8	2.8	2.7	4.5	3.1	4.4	3.9

Max Lite®		NRR 30				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	33.5	33.6	36.0	37.5	39.4	42.5	43.9	43.7	45.2
Std. Dev.	3.6	3.4	3.2	3.5	3.5	3.4	5.1	4.8	5.1

Laser Lite®		NRR 32				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	36.8	38.0	40.4	41.1	40.1	44.4	48.5	46.4	45.8
Std. Dev.	4.0	4.5	5.5	4.0	2.7	4.5	4.1	5.4	5.2

Multi Max®		NRR 31				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	30.9	32.4	33.9	34.9	36.5	46.1	47.1	50.9	52.1
Std. Dev.	2.1	2.5	2.7	1.9	1.9	3.3	2.6	2.7	2.5

Matrix™ – Orange		NRR 29				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	31.4	34.3	38.3	34.5	36.0	40.3	39.2	40.9	44
Std. Dev.	3.6	4.0	3.9	3.0	2.7	3.4	3.1	3.5	3.4

Matrix™ – Green		NRR 27				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	25.9	29.7	35.5	34.4	35.2	39.0	37.3	40.1	43.2
Std. Dev.	3.8	3.7	4.1	3.1	3.0	3.2	2.4	3.8	3.4

Matrix™ – Blue		NRR 23				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	21.4	26.4	31.3	31.8	34.2	39.6	39.6	40.3	43.5
Std. Dev.	5.8	4.5	4.6	4.9	3.2	2.8	2.0	2.4	2.5

### Multiple-Use Earplugs

SmartFit®		NRR 25				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	29.5	28.0	30.5	31.6	33.5	40.5	40.0	41.8	42.1
Std. Dev.	3.5	4.1	3.6	3.2	3.5	3.3	4.2	5.3	4.7

Fusion®		NRR 27				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	29.5	29.9	32.3	33.9	37.3	41.1	42.7	47.9	47.6
Std. Dev.	4.6	3.7	2.8	2.8	4.1	3.6	4.6	4.8	3.2

Clarity®		NRR 21				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	27.7	27.4	25.1	29.6	33.5	31.2	31.6	39.0	41.5
Std. Dev.	3.3	3.6	3.2	4.1	3.2	3.4	4.0	5.4	3.5

AirSoft®		NRR 27				Canada A			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	31.0	32.3	31.4	35.2	39.6	39.7	42.2	43.5	44.2
Std. Dev.	4.3	4.1	3.6	3.6	4.1	4.8	5.1	4.1	3.3

Quiet®		NRR 26				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	26.3	29.0	28.7	31.2	36.3	44.0	45.1	49.1	47.2
Std. Dev.	3.3	2.6	2.8	2.5	3.9	3.6	4.4	4.4	3.7

Pilot™		NRR 26				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	32.3	33.0	33.4	32.4	35.1	41.9	42.2	47.0	45.1
Std. Dev.	5.0	4.3	4.0	3.3	3.6	4.2	4.5	4.1	3.9

### Detectable Earplugs

Laser Trak®		NRR 32				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	33.3	36.1	41.7	42.3	40.5	48.3	49.7	49.7	52.0
Std. Dev.	4.4	3.6	2.6	4.4	3.5	3.2	3.6	2.9	3.6

SmartFit® Detectable		NRR 25				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	29.5	28.0	30.5	31.6	33.5	40.5	40.0	41.8	42.1
Std. Dev.	3.5	4.1	3.6	3.2	3.5	3.3	4.2	5.3	4.7

Fusion® Detectable		NRR 25				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	33.4	31.8	33.1	38.4	33.9	41.0	43.6	45.4	44.4
Std. Dev.	4.9	4.4	4.1	5.9	4.6	4.1	4.9	5.4	5.7

### Banded Earplugs

QB1HYG®		NRR 27				Canada B (L)		Under-the-Chin	
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	31.2	31.5	31.6	32.3	35.1	42.6	45.8	47.0	48.0
Std. Dev.	2.6	2.8	3.3	3.3	2.5	2.3	2.0	2.7	3.2

QB2HYG®		NRR 25				Canada B (L)		Under-the-Chin	
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	28.2	28.3	26.8	29.6	34.4	40.7	40.3	43.3	42.4
Std. Dev.	2.5	2.5	2.8	2.0	1.2	2.7	1.2	2.3	2.2

QB3HYG®		NRR 23				Canada B (L)		Under-the-Chin	
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	26.9	26.0	24.1	26.0	34.4	40.7	40.3	43.3	42.4
Std. Dev.	1.8	2.2	2.4	2.1	1.7	1.5	2.3	2.1	1.7

PerCap®		NRR 21				Canada B (L)		Under-the-Chin	
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	28.3	25.7	24.3	25.6	34.2	39.0	40.0	43.8	42.1
Std. Dev.	5.2	4.1	3.0	3.5	2.6	2.1	2.5	3.5	3.0

		NRR 20				Canada B (L)		Over-the-Head	
Mean Attn.	125	250	500	1000	2000	3150	4000	6300	8000
Std. Dev.	24.9	22.3	21.1	23.9	32.5	37.4	37.9	40.8	42.1
	3.9	3.1	2.6	2.5	2.4	3.2	3.6	3.8	2.8

		NRR 20				Canada B (L)		Behind-the-Head	
Mean Attn.	125	250	500	1000	2000	3150	4000	6300	8000
Std. Dev.	24.9	23.8	22.4	25.1	32.3	37.6	38.4	42.1	41.2
	3.7	3.6	3.3	2.6	2.8	3.7	4.6	4.0	3.6

EYE & FACE PROTECTION  
RESPIRATORY PROTECTION  
INSTRUMENTATION  
HAND & ARM PROTECTION  
HEARING PROTECTION  
FALL PROTECTION  
HARLEY-DAVIDSON®



## Reference: Earmuff Attenuation Chart

NRR testing in accordance with ANSI S3.19-1974

### Noise Blocking Earmuffs

<b>Leightning® L1</b>		NRR 25				Canada B			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	19.7	23.8	29.0	31.3	32.1	37.8	39.2	39.5	39.5
Std. Dev.	2.6	2.9	2.6	2.5	2.4	3.1	2.0	2.3	2.4

<b>Leightning® L2</b>		NRR 27				Canada B (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	21.8	26.6	31.8	35.2	32.9	37.7	37.6	39.1	39.6
Std. Dev.	3.2	3.1	2.5	2.1	2.1	2.4	2.2	2.4	2.6

<b>Leightning® L3/HV</b>		NRR 30				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	23.8	28.8	36.5	39.9	35.3	38.7	39.0	41.0	40.8
Std. Dev.	2.2	2.3	2.4	1.9	2.3	2.8	2.1	2.4	2.3

<b>Leightning® L1H/HV</b>		NRR 23				Canada B (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	20.0	22.4	26.9	29.6	32.1	36.4	37.4	40.2	39.6
Std. Dev.	2.9	3.4	2.8	2.2	2.8	3.3	2.9	3.7	4.9

<b>Leightning® L2H</b>		NRR 25				Canada B (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	20.0	25.1	30.5	32.6	32.6	37.8	36.5	38.3	39.7
Std. Dev.	3.0	2.5	2.6	2.4	2.5	2.4	2.7	3.4	4.0

<b>Leightning® L3H</b>		NRR 27				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	22.5	26.5	34.2	36.9	33.6	36.8	37.3	40.4	37.7
Std. Dev.	3.4	2.5	3.4	3.2	2.4	3.0	2.9	1.9	2.8

<b>Leightning® L0N</b>		NRR 22				Canada B			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	15.6	19.9	24.2	26.8	30.2	35.9	39.1	39.3	39.9
Std. Dev.	2.5	2.1	2.0	2.0	2.5	3.2	2.8	2.2	2.7

<b>Leightning® L1N</b>		NRR 25				Canada B			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	19.3	23.3	28.9	33.2	32.0	36.2	37.3	38.2	38.5
Std. Dev.	2.6	2.4	2.9	2.0	2.2	2.9	2.7	2.9	2.8

<b>Leightning® L2N</b>		NRR 26				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	20.4	25.3	31.2	35.0	33.2	37.7	37.7	38.9	39.4
Std. Dev.	3.4	2.9	2.7	2.2	2.5	3.2	2.2	2.3	2.7

<b>Leightning® L3N</b>		NRR 28				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	22.5	27.8	33.7	37.1	33.7	38.5	38.6	40.8	40.3
Std. Dev.	3.3	2.6	2.9	2.7	2.1	2.7	2.7	2.3	2.6

<b>Leightning® L0F</b>		NRR 23				Canada B			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	16.8	22.1	25.2	27.2	31.3	36.2	40.3	40.2	42.1
Std. Dev.	2.5	2.1	2.0	2.2	2.3	2.8	2.9	2.1	3.5

<b>Leightning® L2F/HV</b>		NRR 27				Canada B (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	21.5	26.8	31.8	34.7	32.0	37.7	37.5	38.6	39.9
Std. Dev.	2.9	2.6	2.5	1.9	2.1	2.8	2.5	2.4	2.8

<b>Thunder® T1</b>		NRR 26				Canada A			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	19.1	25.0	30.4	33.5	35.1	35.5	35.6	39.5	39.4
Std. Dev.	2.9	2.3	2.5	2.5	2.7	3.2	3.0	2.3	3.6

<b>Thunder® T2/T2HV</b>		NRR 28				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	22.3	28.1	34.7	37.2	36.2	36.8	36.8	38.8	38.8
Std. Dev.	2.8	3.3	2.6	2.9	2.5	3.1	2.7	2.7	2.6

<b>Thunder® T3</b>		NRR 30				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	24.7	29.8	35.5	38.5	37.9	39.6	39.6	41.9	42.3
Std. Dev.	2.8	2.7	2.8	3.0	2.5	3.1	2.4	2.6	2.4

<b>Thunder® T1H</b>		NRR 23				Canada A			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	16.9	22.0	28.4	31.6	33.1	33.7	34.7	39.6	38.6
Std. Dev.	3.6	2.9	3.4	2.9	3.1	2.8	3.0	2.7	4.0

<b>Thunder® T2H</b>		NRR 25				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	20.7	26.9	31.6	34.1	34.9	35.2	36.6	39.4	39.6
Std. Dev.	3.5	3.8	3.7	3.7	3.5	3.3	3.2	2.4	3.5

<b>Thunder® T3H</b>		NRR 27				Canada A (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	23.6	27.7	34.1	34.5	32.9	36.4	39.1	40.6	41.4
Std. Dev.	3.3	3.4	3.1	1.8	2.0	2.6	3.0	3.1	2.8

<b>Thunder® T1F</b>		NRR 25				Canada A			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	19.6	23.2	29.6	32.6	33.6	34.7	36.3	39.8	38.3
Std. Dev.	3.4	2.1	3.0	2.4	2.8	2.7	2.9	2.2	4.2

<b>Viking® V1</b>		NRR 25				Canada B		Over-the-Head	
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	18.4	23.1	28.1	32.1	33.8	37.9	37.0	37.4	37.6
Std. Dev.	3.1	2.2	2.6	2.2	2.5	3.0	2.8	3.0	2.4

		NRR 24				Canada B		Behind-the-Head	
Mean Attn.		18.8	22.5	26.7	31.1	32.2	37.3	37.5	36.4
Std. Dev.		3.5	2.7	2.4	2.2	2.5	2.8	2.3	3.7

		NRR 24				Canada B		Under-the-Chin	
Mean Attn.		18.8	22.8	27.4	32.5	32.0	37.5	36.8	35.5
Std. Dev.		3.6	3.0	2.7	2.1	2.7	3.1	2.7	2.0

<b>Viking® V2</b>		NRR 27				Canada A (L)		Over-the-Head	
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	20.4	25.6	30.6	34.0	35.0	36.7	36.1	36.3	37.4
Std. Dev.	3.5	1.9	2.6	1.8	2.2	2.6	2.0	1.9	2.7

		NRR 25				Canada A		Behind-the-Head	
Mean Attn.		19.8	24.2	28.6	32.5	33.7	36.3	36.8	36.5
Std. Dev.		2.9	2.2	2.8	3.2	2.6	2.6	2.6	2.4

		NRR 25				Canada A		Under-the-Chin	
Mean Attn.		19.8	24.1	28.7	34.1	34.4	36.8	37.3	35.4
Std. Dev.		3.1	2.9	2.9	2.3	2.9	3.0	3.4	3.2

<b>Viking® V3</b>		NRR 29				Canada A (L)		Over-the-Head	
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	23.8	28.7	32.9	36.7	36.0	38.6	39.6	39.3	40.4
Std. Dev.	2.5	2.3	2.4	2.0	2.5	3.2	2.8	2.3	2.8

		NRR 27				Canada A (L)		Behind-the-Head	
Mean Attn.		20.9	26.5	31.1	36.6	34.4	36.8	38.7	38.8
Std. Dev.		4.2	2.7	3.1	2.0	2.3	3.4	1.8	2.0

		NRR 27				Canada A (L)		Under-the-Chin	
Mean Attn.		22.2	26.3	31.8	36.7	35.2	38.1	39.0	38.9
Std. Dev.		2.9	3.2	3.2	2.1	2.7	3.1	2.8	2.7

<b>Mach™1</b>		NRR 18				Canada B		Over-the-Head	
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	9.3	14.5	23.2	29.6	30.7	31.5	31.7	31.5	31.9
Std. Dev.	3.2	2.6	2.8	3.2	3.0	3.0	2.9	3.2	2.8

<b>QM24+®</b>		NRR 25				Canada B			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	12.9	20.1	25.8	34.3	37.4	41.9	38.9	37.8	40.3
Std. Dev.	1.3	1.5	2.2	1.8	2.0	1.9	1.7	2.4	1.4

# Reference: Earmuff Attenuation Chart

*NRR testing in accordance with ANSI S3.19-1974*

## Sound Management Earmuffs

Clarity® C1		NRR 20				Canada B			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	16.6	23.9	28.7	23.2	28.4	33.7	33.2	33.9	37.1
Std. Dev.	1.9	3.0	2.5	1.9	3.5	2.8	3.0	2.5	3.2

Clarity® C2		NRR 23				Canada B		Over-the-Head	
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	18.2	25.1	29.0	29.7	29.4	30.7	30.6	30.7	31.9
Std. Dev.	2.7	3.0	2.6	2.1	2.0	2.5	2.2	2.7	2.2

		NRR 22				Canada B		Behind-the-Head	
Mean Attn.		17.1	25.2	30.0	28.3	29.3	31.1	30.7	30.3
Std. Dev.		2.9	3.0	2.4	2.2	2.3	2.7	2.6	3.0

		NRR 22				Canada B		Under-the-Chin	
Mean Attn.		18.6	25.0	30.1	28.8	28.6	31.0	30.8	30.4
Std. Dev.		2.4	2.6	2.9	2.1	2.7	2.5	3.2	2.4

Clarity® C3		NRR 27				Canada B (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	26.5	31.2	36.0	31.7	31.4	33.6	36.4	37.3	37.6
Std. Dev.	3.1	3.2	2.1	1.7	2.2	2.0	1.6	2.7	2.6

Clarity® C1H		NRR 20				Canada B			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	19.2	22.6	27.0	22.0	28.1	33.7	32.2	33.6	35.0
Std. Dev.	2.9	2.8	2.5	1.7	2.2	3.2	3.0	2.5	2.3

Clarity® C3H		NRR 25				Canada B (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	26.5	30.0	34.0	29.8	29.4	33.6	37.4	36.6	38.1
Std. Dev.	2.7	3.0	2.9	1.9	2.1	2.7	2.9	2.7	2.2

Clarity® C1F		NRR 20				Canada B			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	19.5	23.3	27.8	24.2	27.6	32.0	32.9	31.5	30.1
Std. Dev.	4.0	2.8	2.9	2.2	2.7	2.9	2.9	3.2	3.4

Impact®		NRR 23				Canada B			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	13.6	19.3	29.4	30.1	32.4	37.3	40.8	43.9	45.6
Std. Dev.	2.4	2.3	1.9	2.1	2.8	2.6	2.4	2.7	2.2

Impact® H		NRR 21				Canada B			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	14.2	19.2	29.7	26.9	28.8	35.4	41.0	43.8	44.9
Std. Dev.	3.5	2.9	2.1	3.1	2.3	2.5	2.3	2.4	2.3

Impact® Sport		NRR 22				Canada B (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	18.1	21.4	23.5	27.5	27.1	35.3	36.8	29.6	39.2
Std. Dev.	2.7	1.9	1.9	2.0	1.8	3.6	3.8	3.0	3.9

## Radio Earmuffs

Radio		NRR 23				Canada B			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	13.6	19.3	29.4	30.1	32.4	37.3	40.8	43.9	45.6
Std. Dev.	2.4	2.3	1.9	2.1	2.8	2.6	2.4	2.7	2.2

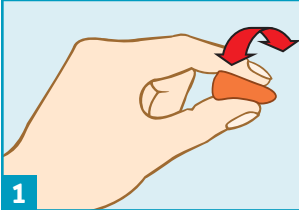
Radio HV		NRR 25				Canada B (L)			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	20.6	26.0	29.8	31.0	31.7	36.6	40.4	42.3	42.0
Std. Dev.	2.6	2.5	2.9	2.3	2.5	1.8	3.5	3.3	4.1

Electo®		NRR 23				Canada B			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	13.6	19.3	29.4	30.1	32.4	37.3	40.8	43.9	45.6
Std. Dev.	2.4	2.3	1.9	2.1	2.8	2.6	2.4	2.7	2.2

Electo® H		NRR 21				Canada B			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	14.2	19.2	29.7	26.9	28.8	35.4	41.0	43.8	44.9
Std. Dev.	3.5	2.9	2.1	3.1	2.3	2.5	2.3	2.4	2.3

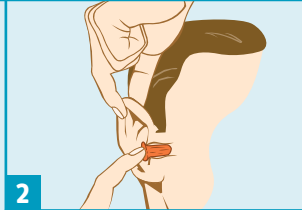
## Reference: Earplug Fitting Instructions

### Roll-Down Foam



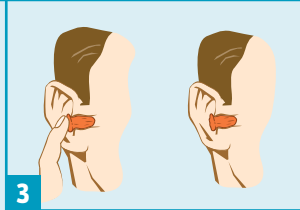
1

With clean hands, roll the entire earplug into the narrowest possible crease-free cylinder.



2

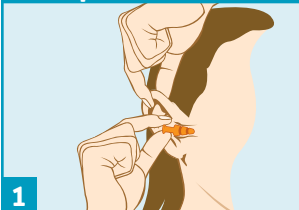
Reach over your head with a free hand, pull your ear up and back, and insert the earplug well inside your ear canal.



3

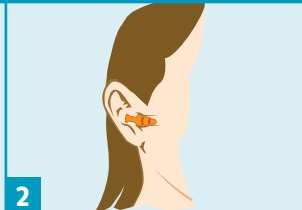
Hold for 30-40 seconds, until the earplug fully expands in your ear canal. If properly fitted, the end of the earplugs should not be visible to someone looking at you from the front.

### Multiple-Use



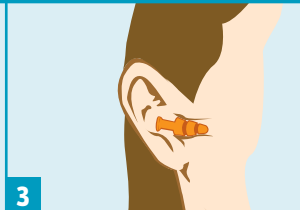
1

While holding the stem, reach a hand over your head and gently pull top of your ear up and back.



2

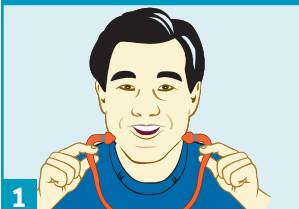
Insert the earplug so all flanges are well inside your ear canal.



3

If properly fitted, the tip of the earplug stem may be visible to someone looking at you from the front.

### Banded



1

Position the band under your chin as shown above. Use your hands to press the ear pods well into the ear canal using an inward motion.



2

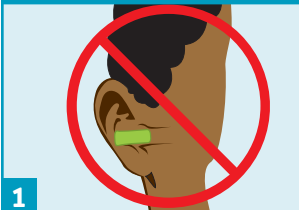
Protection levels are improved by pulling your ear up and back when fitting as shown.



3

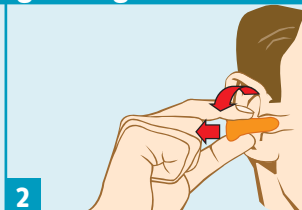
In a noisy environment, lightly press the band inward with your fingertips as shown. You should not notice a significant difference in noise level.

### Do's And Don'ts – Earplug Fitting



1

**Proper Fit**  
If either or both earplugs do not seem to be fitted properly, remove the earplug and reinsert.



2

**Removal**  
Gently twist the earplug while slowly pulling in an outward motion for removal.



3

**Acoustical Check**  
In a noisy environment, with earplugs inserted, cup your hands over your ears and release. Earplugs should block enough noise so that covering your ears with your hands should not result in a significant noise difference.

### Earplug Care and Maintenance

- Inspect earplugs prior to wear for dirt, damage or hardness – discard immediately if compromised
- For proper hygiene, discard Single-Use earplugs after use
- With proper maintenance, Multiple-Use earplugs can last for 2-4 weeks; clean with mild soap/water and store in a case when not in use
- Clean and replace pods on Banded earplugs regularly

# Reference: Earmuff Fitting Instructions

## Headband



1

Place earcups over each ear.



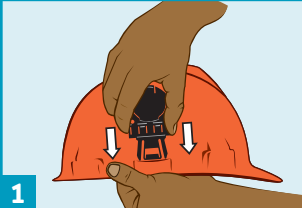
2

Adjust the headband by sliding the headband up or down.

### Earmuffs Care and Maintenance

- Regularly inspect earcups and ear cushions for cracks and leaks – discard if earcups are visibly damaged or compromised
- Clean earcups and ear cushions regularly with mild soap and water
- Replace ear cushions and foam inserts every 6-8 months under normal wear, every 3-4 months with heavy use or in humid/extreme climates

## Cap-Mounted



1

Attach adapters to each side of the hard hat by sliding them into the slots.



2

Attach each earmuff into its adapter by sliding the earmuff housing down into the adapter.



3

Place the hard hat on the head and adjust the earmuffs by sliding the cups up and down.



4

Ensure that the earmuff is firmly attached by lifting the arm up and down.

## Multi-Position



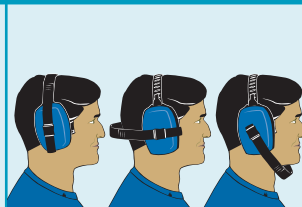
1

Place the earcups over each ear.

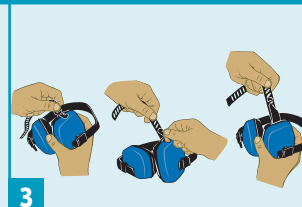


2

Adjust the headband by sliding the headband up and down.



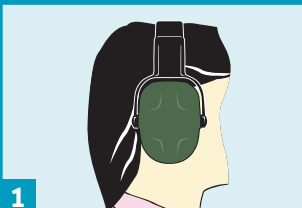
Multiple-Position earmuffs can be worn either over-the-head, behind-the-head or under-the-chin.



3

When the earmuff is worn with the headband behind-the-head or under-the-chin, the headband strap must be attached to the slot in the upper part of the earcup as shown.

## Do's And Don'ts – Earmuff Fitting



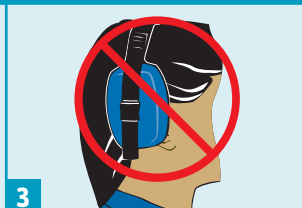
1

**Firm Seal**  
Do seal the cushions firmly against the head.



2

**Avoid Obstructions**  
Do not allow hair to obstruct the ear or the earmuff's secure fit in any way.



3

**Cover the Ear Completely**  
The earcups should never fit crooked or askew over the ear.

## Howard Leight® Hearing Protection

### Single-Use Earplugs

#### Max®

Item #	Cording	Packaging	NRR	Canada Class
MAX-1	Uncorded	Polybag	33	A (L)
MAX-5	Uncorded	5PR Resealable Bag	33	A (L)
MAX-LS4	Uncorded	Bulk Refill Bag for Leight Source 400	33	A (L)
MAX-1-D	Uncorded	Bulk Refill Box for Leight Source 500	33	A (L)
MAX-30	Corded	Polybag	33	A (L)
MAX-30-PB	Corded	Paper Bag	33	A (L)
MAX1-USA	Max USA Uncorded	Polybag	33	A (L)
MAX-1-D-USA	Max USA Uncorded	Bulk Refill Box for Leight Source 500	33	A (L)
MAX30-USA	Max USA Corded	Polybag	33	A (L)

#### Max Lite®

Item #	Cording	Packaging	NRR	Canada Class
LPF-1	Uncorded	Polybag	30	A (L)
LPF-1-PB	Uncorded	Paper Bag	30	A (L)
LPF-LS4	Uncorded	Bulk Refill Bag for Leight Source 400	30	A (L)
LPF-1-D	Uncorded	Bulk Refill Box for Leight Source 500	30	A (L)
LPF-30	Corded	Polybag	30	A (L)
LPF-30-PB	Corded	Polybag	30	A (L)
LPF-30-P	Cotton Cord	Paper Bag	30	A (L)

#### Laser Lite®

Item #	Cording	Packaging	NRR	Canada Class
LL-1	Uncorded	Polybag	32	A (L)
LL-1-PB	Uncorded	Paper Bag	32	A (L)
LL-LS4	Uncorded	Bulk Refill Bag for Leight Source 400	32	A (L)
LL-1-D	Uncorded	Bulk Refill Box for Leight Source 500	32	A (L)
LL-30	Corded	Polybag	32	A (L)
LL-30-PB	Corded	Paper Bag	32	A (L)

#### Multi Max®

Item #	Cording	Packaging	NRR	Canada Class
MM-1	Uncorded	Polybag	31	A (L)
MM-1-PB	Uncorded	Paper Bag	31	A (L)
MM-LS4	Uncorded	Bulk Refill Bag for Leight Source 400	31	A (L)
MM-1-D	Uncorded	Bulk Refill Box for Leight Source 500	31	A (L)

#### Matrix™

Item #	Cording	Packaging	NRR	Canada Class
MTX-1-OR	Orange/Uncorded	Polybag	29	A (L)
MTX-1-GR	Green/Uncorded	Polybag	27	A (L)
MTX-1-BU	Blue/Uncorded	Polybag	23	A (L)
MTX-30-OR	Orange/Corded	Polybag	29	A (L)
MTX-30-GR	Green/Corded	Polybag	27	A (L)
MTX-30-BU	Blue/Corded	Polybag	23	A (L)

MTX-OR-LS4	Orange/Corded	Bulk Refill Bag for Leight Source 400	29	A (L)
MTX-GR-LS4	Green/Corded	Bulk Refill Bag for Leight Source 400	27	A (L)
MTX-BU-LS4	Blue/Corded	Bulk Refill Bag for Leight Source 400	23	A (L)
MTX-1-OR-D	Orange/Corded	Bulk Refill Box for Leight Source 500	29	A (L)
MTX-1-GR-D	Green/Corded	Bulk Refill Box for Leight Source 500	27	A (L)
MTX-1-BU-D	Blue/Corded	Bulk Refill Box for Leight Source 500	23	A (L)

### Multiple-Use Earplugs

#### SmartFit®

Item #	Cording	Packaging	NRR	Canada Class
SMF-30	Detachable Cord	HearPack	25	A (L)
SMF-30W-P	Attached Cotton Cord	Paper Bag	25	A (L)

#### Fusion®

Item #	Cording	Packaging	NRR	Canada Class
FUS30-HP	Regular/Corded	HearPack	27	A (L)
FUS30S-HP	Small/Corded	HearPack	27	A (L)

#### Clarity®

Item #	Cording	Packaging	NRR	Canada Class
1005329	Regular/Corded	Reusable Case	21	A (L)
1005328	Small/Corded	Reusable Case	21	A (L)

#### AirSoft®

Item #	Cording	Packaging	NRR	Canada Class
DPAS-1	Uncorded	Polybag	27	A (L)
DPAS-30R	Red Polycord	Polybag	27	A (L)
DPAS-30W	White Nylon Cord	Polybag	27	A (L)
AS-1	Uncorded	Reusable Case	27	A (L)
AS-30R	Red Polycord	Reusable Case	27	A (L)
AS-30W	White Nylon Cord	Reusable Case	27	A (L)

#### Quiet®

Item #	Cording	Packaging	NRR	Canada Class
QD1	Uncorded	Polybag	26	A (L)
QD1-RC	Uncorded	Reusable Case	26	A (L)
QD-1-DS	Uncorded	Bulk Refill Box for Leight Source 500	26	A (L)
QD1-SM	Small/Uncorded	Polybag	26	A (L)
QD1-RC-SM	Small/Uncorded	Reusable Case	26	A (L)
QD1-LG	Large/Uncorded	Polybag	26	A (L)
QD1-RC-LG	Large/Uncorded	Reusable Case	26	A (L)
QD30	Corded	Polybag	26	A (L)
QD30-RC	Corded	Reusable Case	26	A (L)
QD30-SM	Small/Corded	Polybag	26	A (L)
QD30-RC-SM	Small/Corded	Reusable Case	26	A (L)
QD30-LG	Large/Corded	Polybag	26	A (L)
QD30-RC-LG	Large/Corded	Reusable Case	26	A (L)

Howard Leight® Hearing Protection

Pilot™

Item #	Cording	Packaging	NRR	Canada Class
PLT-1	Uncorded	Polybag	26	A (L)
PLT-30	Corded	Polybag	26	A (L)

Detectable Earplugs

Laser Trak®

Item #	Cording	Packaging	NRR	Canada Class
LT-30	Corded	Polybag	32	A (L)

SmartFit® Detectable

Item #	Cording	Packaging	NRR	Canada Class
SDT-30	Attached Polycord	Polybag	25	A (L)
SMF-30BU	Nylon Cord	Polybag	25	A (L)

Fusion® Detectable

Item #	Cording	Packaging	NRR	Canada Class
FDT-30	Regular/Corded	HearPack®	25	A (L)
FDT-30-SM	Small/Corded	HearPack®	25	A (L)

Banded Earplugs

QB1HYG®

Item #	Cording	Packaging	NRR	Canada Class
QB1HYG	Inner-Aural Band	Resealable Bag	27	B (L)
QB100HYG	Replacement Pods	Polybag		

QB2HYG®

Item #	Cording	Packaging	NRR	Canada Class
QB2HYG	Supra-Aural Band	Resealable Bag	25	B (L)
QB200HYG	Replacement Pods	Polybag		

QB3HYG®

Item #	Cording	Packaging	NRR	Canada Class
QB3HYG	Semi-Aural Band	Resealable Bag	23	B (L)
QB300HYG	Replacement Pods	Polybag		

PerCap®

Item #	Cording	Packaging	NRR	Canada Class
PERCAP	Folding Band	Resealable Bag	21	B (L)
PC100	Replacement Pods	Polybag		

Earplug Dispensers

Leight® Source 400

Item #	Description	Packaging
LS-400	Leight Source 400	Box

Leight® Source 500

Item #	Description	Packaging
LS-500	Leight Source 500	Box

Noise-Blocking Earmuffs

Leightning®

Item #	Description	Style	Packaging	NRR	Canada Class	Hygiene Kit
1013461	Leightning LOF	Folding	Ind. Box	23	B	1011998
1013460	Leightning LON	Neckband	Ind. Box	22	B	1011998
1010922	Leightning L1	Headband	Ind. Box	25	B	1011998
1011991	Leightning L1H	Cap-Mounted	Ind. Box	23	B (L)	1011998
1011994	Leightning L1N	Neckband	Ind. Box	25	B	1011998
1010923	Leightning L2	Headband	Ind. Box	27	B (L)	1011999
1011997	Leightning L2F	Folding	Ind. Box	27	B (L)	1011999
1011992	Leightning L2H	Cap-Mounted	Ind. Box	25	B (L)	1011999
1011995	Leightning L2N	Neckband	Ind. Box	26	A (L)	1011999
1010924	Leightning L3	Headband	Ind. Box	30	A (L)	1012000
1011993	Leightning L3H	Cap-Mounted	Ind. Box	27	A (L)	1012000
1011996	Leightning L3N	Neckband	Ind. Box	28	A (L)	1012000

Leightning® Hi-Visibility

Item #	Description	Style	Packaging	NRR	Canada Class	Hygiene Kit
1015020	Leightning L1HHV Hi-Vis	Cap-Mounted	Ind. Box	23	B (L)	1011998
1013942	Leightning L2FHV Hi-Vis	Folding	Ind. Box	27	B (L)	1011999
1013941	Leightning L3HV Hi-Vis	Headband	Ind. Box	30	A (L)	1012000

Thunder®

Item #	Description	Style	Packaging	NRR	Canada Class	Hygiene Kit
1010928	Thunder T1	Headband	Ind. Box	26	A	1010974
1011600	Thunder T1F	Folding	Ind. Box	25	A	1010974
1011601	Thunder T1H	Cap-Mounted	Ind. Box	23	A	1010974
1010929	Thunder T2	Headband	Ind. Box	28	A (L)	1010975
1015820	Thunder T2HV Hi-Vis	Headband	Ind. Box	28	A (L)	1010975
1011602	Thunder T2H	Cap-Mounted	Ind. Box	25	A (L)	1010975
1010970	Thunder T3	Headband	Ind. Box	30	A (L)	1010976
1011603	Thunder T3H	Cap-Mounted	Ind. Box	27	A (L)	1010976

Viking®

Item #	Description	Style	Packaging	NRR	Canada Class	Hygiene Kit
1010925	Viking V1	3-Position	Ind. Box	25	B	1011998
1010926	Viking V2	3-Position	Ind. Box	27	A (L)	1011999
1010927	Viking V3	3-Position	Ind. Box	29	A (L)	1012000

Mach™ 1

Item #	Description	Style	Packaging	NRR	Canada Class	Hygiene Kit
1010421	Mach 1	Headband	Polybag	18	B	N/A

QM24+®

Item #	Description	Style	Packaging	NRR	Canada Class	Hygiene Kit
QM24+	QM24+	3-Position	Polybag	25	B	HK4

## Howard Leight® Hearing Protection

### Sound Management Earmuffs

#### Clarity®

Item #	Description	Style	Packaging	NRR	Canada Class	Hygiene Kit
1011142	Clarity C1	Headband	Ind. Box	20	B	1006080
1011143	Clarity C1F	Folding	Ind. Box	20	B	1006080
1011144	Clarity C1H	Cap-Mounted	Ind. Box	20	B	1006080
1011145	Clarity C2	3-Position	Ind. Box	23	B	1006081
1011146	Clarity C3	Headband	Ind. Box	27	B (L)	1006081
1011147	Clarity C3H	Cap-Mounted	Ind. Box	25	B (L)	1006081

#### Impact®

Item #	Description	Style	Packaging	NRR	Canada Class	Hygiene Kit
1010376	Impact	Headband	Ind. Box	23	B	1008000
1010632	Impact H	Cap-Mounted	Ind. Box	21	B	1008000

#### Impact® Sport

Item #	Description	Style	Packaging	NRR	Canada Class	Hygiene Kit
R-01526	Impact Sport	Folding	Clamshell	22	B (L)	1008000

### Radio Earmuffs

#### AM/FM Radio

Item #	Description	Style	Packaging	NRR	Canada Class	Hygiene Kit
1010375	AM/FM Radio	Headband	Ind. Box	23	B	1008000

#### Radio Hi-Visibility

Item #	Description	Style	Packaging	NRR	Canada Class	Hygiene Kit
1015543	Radio Hi-Vis	Headband	Clamshell	25	B (L)	1008000

#### Electo®

Item #	Description	Style	Packaging	NRR	Canada Class	Hygiene Kit
1010374	Electo	Headband	Ind. Box	23	B	1008000
1010631	Electo H	Cap-Mounted	Ind. Box	21	B	1008000

### Earmuffs Accessories

#### Polar Hood®

Item #	Description	Packaging
1016870	Polar Hood – L/XL	Hang Card
1016871	Polar Hood – S/M	Hang Card

#### Cool Pads

Item #	Description	Packaging
1000365	Cool Pads	5 Pair Packs Envelope
1000364	Cool Pads	100 Pair Dispenser Pack Box

#### Slim Belt Clip

Item #	Description	Packaging
1016730	Slim Belt Clip	Polybag

#### Folding Earmuff Belt Case

Item #	Description	Packaging
1000251	Folding Earmuff Belt Case	Polybag

### Hygiene Kits

Item #	Description	Packaging
1006080	Clarity C1/C1F/C1H	Polybag
1006081	Clarity C2/C3/C3H	Polybag
1010974	Thunder T1/T1H/T1F	Polybag
1010975	Thunder T2/T2H/T2HV	Polybag
1010976	Thunder T3/T3H	Polybag
1011998	Leightning L1/L1H/L1N/L0N/L0F/L1HHV/Viking V1	Polybag
1011999	Leightning L2/L2H/L2N/L2F/L2FHV/Viking V2	Polybag
1012000	Leightning L3/L3H/L3N/L3HV/Viking V3	Polybag
1008000	Radio/Radio HV/Electo/Electo H/Impact/Impact H	Polybag
1015280	Impact Sport	Polybag

### Hard Hat Adapters

Item #	Description	Packaging
13910033	Clip-On	Polybag
13910034	Dielectric Screw-On	Polybag
13910035	Centurion	Polybag
13910036	Balance, Bullard, LAS, MSA, Voss, Opus	Polybag
13910037	Norton, Bullard	Polybag
13910038	Protector, AO, JSP, Domeguard	Polybag
13910039	AO Safety, Bullard, Jackson, MSA North, Sperian	Polybag

#### Abbreviation Key

3-Position	Multiple-Position
Ind. Box	Individual Box
Hi-Vis	Hi-Visibility



SPERIAN Protection Americas, Inc.  
900 Douglas Pike  
Smithfield, RI 02917  
Tel: 800 343-3411  
Fax: 800 322-1330  
[www.sperian.com](http://www.sperian.com)

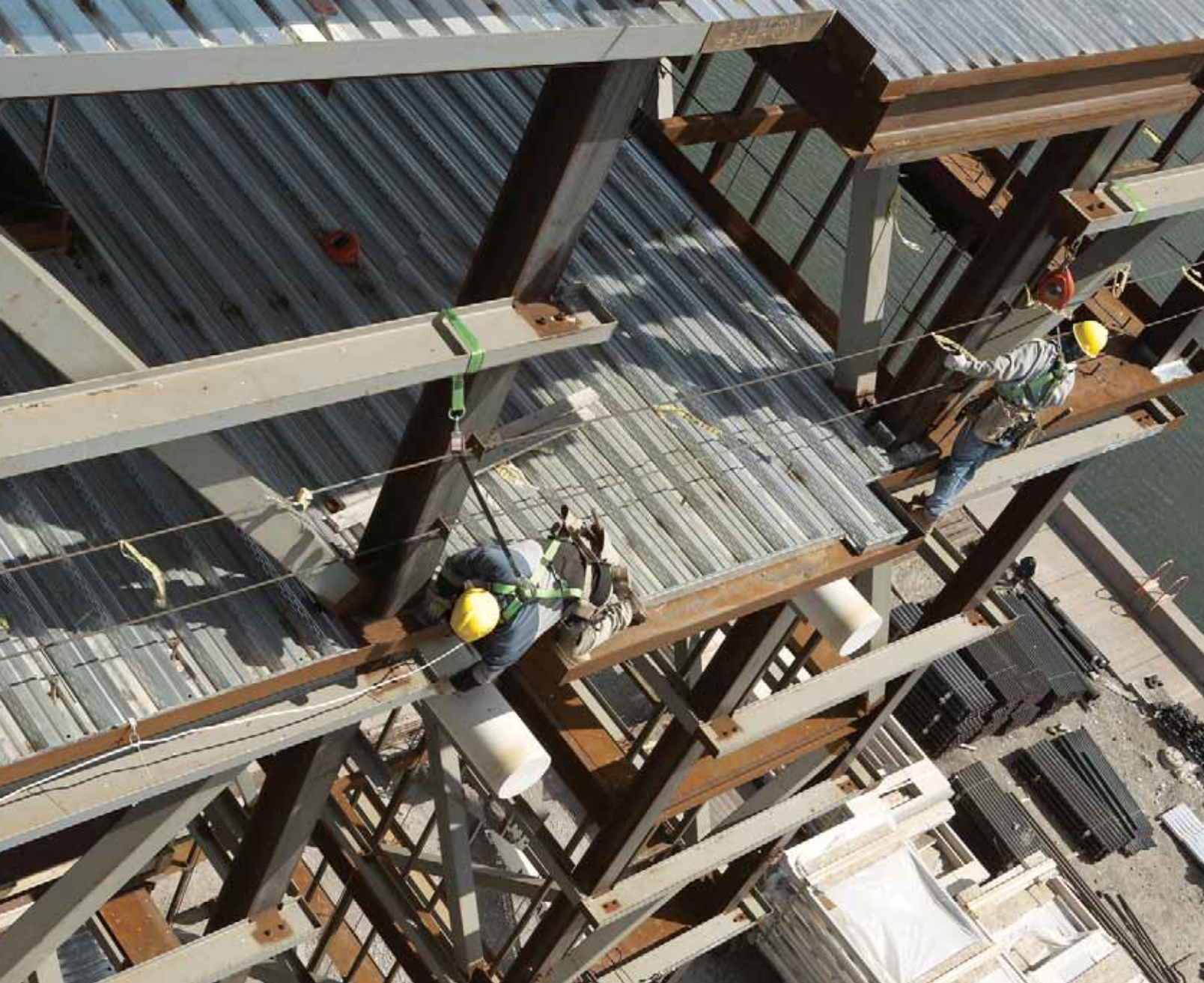


# SAFETY PRODUCTS CATALOG 2010



**INDUSTRIAL SAFETY GROUP**

**SPERIAN**  
Protection you can trust



## MILLER FALL PROTECTION TABLE OF CONTENTS

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**⚠ WARNING!** Miller Fall Protection equipment should be used only in conjunction with the manufacturer's instructions. Failure to follow such instructions could result in serious injury or fatality.

# Miller Fall Protection

## ASK THE EXPERT. ASK MILLER.

Ask the experts at Sperian Fall Protection to assist you in developing an effective fall protection safety plan. As a total compliance safety provider, Sperian manufactures a comprehensive line of Miller® brand fall protection products, provides professional fall prevention and protection training, and employs global resources/services for designing and engineering solutions for complex safety-at-height applications.

## Miller T.I.P.S. Total Fall Protection Solutions



### TRAINING

#### **Professional Fall Protection Training**

Key to worker safety, on-site awareness, and proper selection and use of fall protection equipment.



### INSPECTION

#### **Equipment Inspection & Maintenance**

Failure is not an option – when in doubt, throw it out!



### PRODUCTS

#### **Proper Product Selection & Use**

All work environments differ; use the right equipment for the job!



### STANDARDS

#### **Addressing the ANSI Z359 Fall Protection Code**

Meeting voluntary industry standards indicates that products pass accepted testing procedures.

## Body Wear

### Engineered with 17 Unique Components and More Than 11 Key Product Features

#### The Turning Point in Fall Protection Technology

**DualTech™ Webbing** – Donning made easy with two-sided, contrasting color webbing and textures

**Web Finial** – Clip-on design safely organizes webbing after proper adjustment

**Cam Buckles** – Easy, one-handed adjustment/release allows simultaneous adjustment of shoulder straps

**PivotLink™ Connection** – Unique rotary design provides greater comfort in bending/mobility

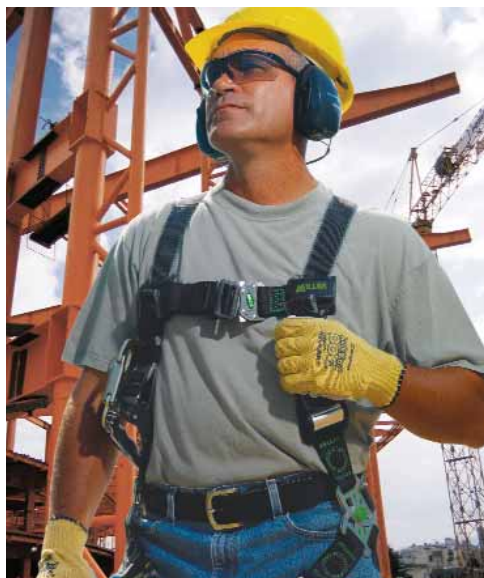
**Self-Contained Label Pack** – Integrated pack encapsulates labels, minimizing damage and loss

**ErgoArmor™ Back Shield** – Semi-flexible back shield minimizes impact from sharp/heavy snap hooks and self-retracting lifelines

**Integrated Accessory System** – Modular attachment design provides connection points for belts/tools/accessories



RDT-QC/UBK



### Miller Revolution™ Harnesses

Item #	Description
<b>DualTech Webbing</b>	
RDT-QC/UBK	Quick-Connect Buckle Legs
RDT-TB/UBK	Tongue Buckle Legs
RDT-QC-B/UBK	Removable Belt, Quick-Connect Buckle Legs
RDT-TB-B/UBK	Removable Belt, Tongue Buckle Legs
RDT-QC-DP/UBK	Side D-Rings and Pad, Quick-Connect Buckle Legs
RDT-TB-DP/UBK	Side D-Rings and Pad, Tongue Buckle Legs
RDT-QC-BDP/UBK	Removable Belt, Side D-Rings and Pad, Quick-Connect Buckle Legs
RDT-TB-BDP/UBK	Removable Belt, Side D-Rings and Pad, Tongue Buckle Legs
<b>DuraFlex Webbing</b>	
RDF-QC/UGN	Quick-Connect Buckle Legs
RDF-TB/UGN	Tongue Buckle Legs
RDF-QC-B/UGN	Removable Belt, Quick-Connect Buckle Legs
RDF-TB-B/UGN	Removable Belt, Tongue Buckle Legs
RDF-QC-DP/UGN	Side D-Rings and Pad, Quick-Connect Buckle Legs
RDF-TB-DP/UGN	Side D-Rings and Pad, Tongue Buckle Legs
RDF-QC-BDP/UGN	Removable Belt, Side D-Rings and Pad, Quick-Connect Buckle Legs
RDF-TB-BDP/UGN	Removable Belt, Side D-Rings and Pad, Tongue Buckle Legs
<b>DuraFlex Python Webbing</b>	
RPY-QC/UGN	Quick-Connect Buckle Legs
RPY-TB/UGN	Tongue Buckle Legs
RPY-QC-B/UGN	Removable Belt, Quick-Connect Buckle Legs
RPY-TB-B/UGN	Removable Belt, Tongue Buckle Legs
RPY-QC-DP/UGN	Side D-Rings and Pad, Quick-Connect Buckle Legs
RPY-TB-DP/UGN	Side D-Rings and Pad, Tongue Buckle Legs
RPY-QC-BDP/UGN	Removable Belt, Side D-Rings and Pad, Quick-Connect Buckle Legs
RPY-TB-BDP/UGN	Removable Belt, Side D-Rings and Pad, Tongue Buckle Legs
<b>Kevlar®-Nomex® Webbing</b>	
RKN-QC/UBK	Quick-Connect Buckle Legs
RKN-TB/UBK	Tongue Buckle Legs
RKN-QC-B/UBK	Removable Belt, Quick-Connect Buckle Legs
RKN-TB-B/UBK	Removable Belt, Tongue Buckle Legs

Model numbers listed are for Universal (Large/X-Large) size. Harnesses are also available in Small/Medium and XXL/XXXLarge, by replacing the "U" in the model number with "S/M" or "XXL/XXXL" (Ex: RDT-QC-B/XXL/XXXLUBK). For front D-ring vest-style option, add "FD" to the corresponding harness model number (Ex: RDTFD-QC/UGN)

All Miller® brand fall protection products meet applicable OSHA, ANSI and CSA requirements

Kevlar® and Nomex® are registered trademarks of E.I. duPont de Nemours and Company

### Miller Revolution™ Accessories

See page 222 for a list of Miller Revolution harness accessories.

## Body Wear

### DuraFlex Python® ULTRA Harness

- Designed with cushioned tubular webbing in the shoulder straps to minimize discomfort around the neck and shoulders when required to wear a tool belt; patented DuraFlex® stretchable webbing in the lower torso for greater comfort, safety and productivity
- Features sleek, quick-connect buckles on the chest and leg straps for easy donning
- Specially-woven, breathable, comfort-touch back D-ring pad for greater comfort and tangle-free donning
- Includes friction buckle shoulder straps and belt loops to accommodate a tool belt
- High visibility/chemical resistant lime green or blue webbing
- Universal (large/x-large) size fits most; rated to 400 lbs capacity



P950QC/UGN

Item #	Side D-Rings	Size
P950QC/UGN	No	U
P950QC-7/UGN	Yes	U
P950QC-77/UGN	Yes	U
P950QC-4/XXXLGN	No	XXXL

Model numbers listed are for universal size. Harnesses are also available in Small/Medium and XX-Large, by replacing the "U" in the model number with "S/M" or "XXL"

Note: For front D-ring vest-style option, add "FD" to the corresponding harness model number (Ex: P950QC/UGN)

### DuraFlex® ULTRA Harness

- Designed with patented DuraFlex stretchable webbing for greater comfort, safety and productivity
- Features sleek, quick-connect buckles on the chest and leg straps for easy donning
- Specially-woven, breathable, comfort-touch back D-ring pad for greater comfort and tangle-free donning
- Includes friction buckle shoulder straps and belt loops to accommodate a tool belt
- High visibility/chemical resistant lime green or blue webbing
- Universal (large/x-large) size fits most; rated to 400 lbs capacity



E650QC-7/UGN

Item #	Side D-Rings	Size
E650QC/UGN	No	U
E650QC-7/UGN	Yes	U
E650QC-77/UGN	Yes	U

Model numbers listed are for universal size. Harnesses are also available in Small/Medium and XX-Large, by replacing the "U" in the model number with "S/M" or "XXL"

Note: For front D-ring vest-style option, add "FD" to the corresponding harness model number (Ex: P950QC/UGN)

### Ultimate Comfort, Fit and Safety

A premier line of Miller® brand harnesses. Easy-to-wear Miller Ultra harnesses provide greater comfort and increased mobility, while improving safety and reducing worker fatigue. Meet all applicable OSHA, ANSI and CSA Standards.



## Body Wear

### Durable Stretch Webbing for Greater Comfort

Miller Titan T-FLEX™ Stretchable Harnesses have durable, stretch webbing construction for improved comfort and greater mobility. Meet applicable OSHA, ANSI A10.32 and CSA Standards.

### Titan T-Flex™ Harnesses

- Fully adjustable design
- Sliding back D-ring and pad; back strap prevents roll-out
- Non-slip mating buckle shoulder straps and chest strap
- Pull-free lanyard ring
- Front D-ring option
- Universal (large/x-large) sizing fits most



TF 4500/UAK

Item #	Side D-Rings	Leg Strap Buckles
TF4000/UAK	No	Mating
TF4500/UAK	No	Tongue
TF4007/UAK	Yes	Mating
TF4507/UAK	Yes	Tongue

*NOTE: Harnesses are also available in Small/Medium and XX-Large, by replacing the "U" in the model number with "S/M" or "XXL". For front D-ring vest-style option, add "FD" to the corresponding harness model number (Ex: TF4000FD/UAK)*

### Helps Prevent Suspension Trauma

The Miller Relief Step™ Safety Device alleviates the effects of orthostatic intolerance, also known as suspension trauma.

If a fall occurs, a person becomes suspended in a harness and remains both vertical and sedentary for a period of time, causing blood to "pool" in the veins of the legs. Subsequently, blood is restricted to the brain and other major organs that may initially result in unconsciousness. If not rescued promptly, serious injury or death may occur. The Miller Relief Step is designed to provide a short-term solution for alleviating suspension trauma.

### Miller Relief Step™ Safety Device

- Alleviates the effects of orthostatic intolerance, also known as suspension trauma
- Small and lightweight
- Attaches to any brand of full-body harness

Item #	Description
9099X/12	1 Box of 12 Relief Step Safety Devices
9099/36BULK	Bulk Quantity, 36 Relief Step Safety Devices



## Connecting Devices

### Manyard® II Stretchable Shock-Absorbing Lanyards

- Specially-woven shock-absorbing inner core smoothly expands up to 42 in. to reduce fall arrest forces
- Heavy-duty tubular outer jacket serves as a back-up lanyard
- Unique warning flag provides visual proof that a lanyard has been involved in a fall and must be removed from service
- Integral bright red core makes visual inspection easier and more reliable
- Available in green or blue webbing

Item #	No. of Legs	Harness Connection	Anchorage Connection	Standard Length*
<b>ANSI A10.32</b>				
216M/6FTGN	1	Locking Snap Hook	Locking Snap Hook	6'
219M/6FTGN	1	Locking Snap Hook	Locking Rebar Hook	6'
231M/6FTGN	2	Locking Snap Hook	Locking Rebar Hooks	6'
232M/6FTGN	2	Locking Snap Hook	Locking Snap Hooks	6'
233M/6FTGN	1	Choke-Off Loop	Locking Snap Hook	6'
<b>ANSI Z359</b>				
216M-Z7/6FTGN	1	Locking Snap Hook	Locking Snap Hook	6'
219M-Z7/6FTGN	1	Locking Snap Hook	Locking Rebar Hook	6'
231M-Z7/6FTGN	2	Locking Snap Hook	Locking Rebar Hooks	6'
232M-Z7/6FTGN	2	Locking Snap Hook	Locking Snap Hooks	6'
233M-Z7/6FTGN	1	Choke-Off Loop	Locking Snap Hook	6'

\*Available in lengths from 4 ft. to 10 ft.

Note: Locking Snap Hook - 3/4-inch gate opening; Locking Rebar Hook - 2-1/2 inch gate opening

### BackBiter® Tie-Back Stretchable Shock-Absorbing Lanyards

- All-in-one 6 ft. lanyard with SofStop® Shock Absorber and cross-arm anchorage connector
- First snap hook with a 5,000 lb. gate load capacity from any angle
- Heavy-duty polyester webbing and Cordura® nylon webbing with five times more abrasion resistance
- Specially-woven shock-absorbing inner core smoothly expands up to 42 in. to reduce fall arrest forces
- Heavy-duty tubular outer jacket serves as a back-up lanyard
- Unique warning flag provides visual proof that a lanyard has been involved in a fall and must be removed from service
- Integral bright red core makes visual inspection easier and more reliable
- Available in green or blue webbing

Item #	No. of Legs	Harness Connection	Anchorage Connection
913B/6FTGN	1	Locking Snap Hook	Locking 5K Snap Hook
8798B/6FTGN	2	Locking Snap Hook	Locking 5K Snap Hooks

Note: Locking Snap Hook - 3/4-inch gate opening; Locking Rebar Hook - 2-1/2 inch gate opening. Cordura® is a registered trademark of E.I. duPont de Nemours and Company

### Reduces Tripping Hazard

Contracts 6 ft. to 4 ft., Manyard® II Lanyards greatly reduce the chances of tripping, snagging or dragging. Meets all applicable OSHA, ANSI and CSA Standards.



### Tie-Back Safely

BackBiter® offers the ultimate in tie-back safety.

The webbing and snap hooks of regular lanyards are not designed to withstand the rigors of tying back. The innovative BackBiter Tie-Back Lanyard with a Miller 5K® Snap Hook was designed from top to bottom for tie-back use. Meets all applicable OSHA, ANSI Z359-2007 and CSA Standards.



## Connecting Devices

### Lightweight and Durable Tubular or Pack-Type Stretch Shock-Absorbing Lanyards

The unique design of the lanyards provides 6 ft. to 4 ft. contraction to reduce tripping hazards. Meet all applicable OSHA, ANSI A10.32 and CSA Standards.



### Titan™ Shock-Absorbing Lanyards

- Lightweight, durable webbing, 6 ft. length
- Locking snap and rebar hooks
- Two-legged models available for continuous tie-off
- Specially-woven shock-absorbing inner core smoothly expands up to 42 in. to reduce fall arrest forces

Item #	No. of Legs	Harness Connection	Anchorage Connection
<b>Stretch Tubular Built-In Shock-Absorbing Lanyards*</b>			
T5111SS/6FTAF	1	Locking Snap Hook	Locking Snap Hook
T5112SS/6FTAF	1	Locking Snap Hook	Large Locking Rebar Hook
T5121SS/6FTAF	2	Locking Snap Hook	Locking Snap Hooks
T5122SS/6FTAF	2	Locking Snap Hook	Large Locking Rebar Hooks
<b>Stretch Pack-Type Shock-Absorbing Lanyards**</b>			
T6111SS/6FTAF	1	Locking Snap Hook	Locking Snap Hook
T6112SS/6FTAF	1	Locking Snap Hook	Large Locking Rebar Hook
T6121SS/6FTAF	2	Locking Snap Hook	Locking Snap Hooks
T6122SS/6FTAF	2	Locking Snap Hook	Large Locking Rebar Hooks

\*Large Locking Rebar Hook (2-1/4" gate opening). Available from 4 ft. to 10 ft. lengths  
 \*\*Large Locking Rebar Hook (2-1/4" gate opening). Available from 3 ft. to 10 ft. lengths

### Designed for Tie-Back Use

The Titan T-BAK™ lanyard with a pack-type shock absorber is designed for tie-back use, eliminating the need for a separate anchorage connector. Meets all applicable OSHA, ANSI A10.32 and CSA Standards.



### Titan T-BAK™ Shock-Absorbing Lanyards

- 6 ft. webbing
- Forged sliding D-ring for ease of use
- Auto-locking carabiner for added safety
- Specially-woven shock-absorbing inner core smoothly expands up to 42 in. to reduce fall arrest forces

Item #	No. of Legs	Harness Connection	Anchorage Connection
<b>ANSI A10.32</b>			
T6111TB/6FTAF	1	Locking Snap Hook	Auto-Lock Carabiner
T6121TB/6FTAF	2	Locking Snap Hook	Auto-Lock Carabiner



For more information or to order products on this page, please call Customer Care at 800 430-5490.



## Connecting Devices

### TurboLite™ Personal Fall Limiter

- Compact and lightweight; unit attaches directly to the harness back D-ring for greater mobility and versatility
- Tripping hazards eliminated
- Arrests free falls within inches
- Engineered webbing for greater abrasion resistance and long service life
- Rated for up to a 400 lbs (181kg) user

Item #	Description and Unit Connector	Lanyard End Connector
<b>ANSI A10.32</b>		
MFL-1/6FT	TurboLite w/Steel Twist-Lock Carabiner	Locking Snap Hook
MFL-2/6FT	TurboLite w/Steel Twist-Lock Carabiner	Locking Rebar Hook
MFL-3/6FT	TurboLite without Unit Connector	Locking Snap Hook
MFL-4/6FT	TurboLite without Unit Connector	Locking Rebar Hook
MFL-5/6FT	TurboLite without Unit Connector	Locking Swivel Snap Hook
MFL-6/6FT	TurboLite without Unit Connector	Locking Swivel Rebar Hook
MFL-7/6FT	TurboLite w/D-ring Swivel Hook	Locking Snap Hook
MFL-8/6FT	TurboLite w/D-ring Swivel Hook	Locking Rebar Hook
MFL-9/6FT	TurboLite w/Locking Snap Hook	Locking Snap Hook
MFL-10/6FT	TurboLite w/Locking Snap Hook	Locking Rebar Hook
MFL-11/6FT	TurboLite w/Aluminum Twist-Lock Carabiner	Aluminum Locking Snap Hook
MFL-12/6FT	TurboLite w/Aluminum Twist-Lock Carabiner	Aluminum Locking Rebar Hook
<b>ANSI Z359</b>		
MFL-1-Z7/6FT	TurboLite w/Steel Twist-Lock Carabiner	Locking Snap Hook
MFL-2-Z7/6FT	TurboLite w/Steel Twist-Lock Carabiner	Locking Rebar Hook
MFL-3-Z7/6FT	TurboLite without Unit Connector	Locking Snap Hook
MFL-4-Z7/6FT	TurboLite without Unit Connector	Locking Rebar Hook
MFL-5-Z7/6FT	TurboLite without Unit Connector	Locking Swivel Snap Hook
MFL-9-Z7/6FT	TurboLite w/ANSI Z359 Locking Snap Hook	Locking Snap Hook
MFL-10-Z7/6FT	TurboLite w/ANSI Z359 Locking Snap Hook	Locking Rebar Hook



### Never Need a Shock-Absorbing Lanyard Again!

The TurboLite is the smallest and lightest 6 ft. web lifeline on the market and will make shock-absorbing lanyards obsolete on the jobsite. Workers will no longer need to “switch-out” equipment to maintain a safe fall distance.

### An Effective Solution When Working with Low Fall Clearance

New patent-pending Twin Turbo™ D-Ring Connector easily adapts two (2) lightweight TurboLite™ Personal Fall Limiters (PFLs) for continuous 100% tie-off fall protection.

### Twin Turbo™ Fall Protection System

- Innovative design that easily connects to the back D-ring of any fall protection harness
- Increases worker productivity and versatility with freedom of movement
- Permits TurboLite™ PFLs to swivel in multiple directions for greater mobility
- Adapts to most TurboLite PFL models
- Webbing payout smoothly extends/retracts without interruption
- Easy-to-use and assemble/disassemble

Item #	Description and Unit Connector	Lanyard End Connector	Weight
<b>Twin Turbo D-Ring Connector</b>			
MFLB/	Twin Turbo D-Ring Connector	N/A	12.7 oz (360g)
MFLB-PARTS	D-Ring Connector Parts Kit: Slide Lock Bolt (1), PFL Spacer (2), PFL Retainer Pin (2)	N/A	N/A

Find a full listing of Twin Turbo Kit model numbers on page 223.



## Connecting Devices

### An Affordable Alternative to Shock-Absorbing Lanyards

The lightweight, compact design of the 9 ft. Miller Scorpion™ Personal Fall Limiter requires less fall clearance, offers greater mobility and reduces tripping hazards. Meets all applicable OSHA, ANSI and CSA Standards.



PFL-4-Z7/9FT

### Miller Scorpion™ Personal Fall Limiters

- Greater versatility through dual operation: attach directly to the harness D-ring for use as a personal fall limiter, or use as a traditional retractable lifeline
- Quick-activating, high-strength stainless steel braking system – arrests free falls
- 400 lbs capacity models available upon request
- No annual factory recertification required
- Visual load indicator – indicates the unit must be removed from service

Item #	Unit Connector Options	Lanyard End Connector Options
<b>ANSI A10.32</b>		
PFL-1/9FT	None	Locking Snap hook
PFL-2/9FT	Steel Twist-Lock Carabiner	Locking Snap Hook
PFL-3/9FT	Stainless Steel Swivel Shackle	Locking Snap Hook
PFL-4/9FT	Carabiner and Swivel Shackle	Locking Snap Hook
PFL-5/9FT	D-Ring Swivel Hook	Locking Snap Hook
PFL-6/9FT	Rebar Hook and Swivel Shackle	Locking Snap Hook
PFL-7/9FT	Locking Snap Hook and Swivel Shackle	Locking Snap Hook
PFL-8/9FT	Captive Eye Carabiner	Locking Snap Hook
<b>ANSI Z359</b>		
PFL-2-Z7/9FT	Steel Twist-Lock Carabiner	Locking Snap Hook
PFL-4-Z7/9FT	Carabiner and Swivel Shackle	Locking Snap Hook
PFL-6-Z7/9FT	Rebar Hook and Swivel Shackle	Locking Snap Hook
PFL-7-Z7/9FT	Locking Snap Hook and Swivel Shackle	Locking Snap Hook
PFL-15-Z7/9FT	None	Locking Swivel Snap Hook
PFLCMK-Z7/	Cab Mount Bracket and PFL-15-Z7/9FT Unit	

Note: Locking Snap Hook – 3/4-inch gate opening; Locking Rebar Hook – 2-1/2 inch gate opening

### Smallest and Lightest 9 ft. Cable Lifeline on the Market

Black Rhino™ Self-Retracting Lifelines are designed with stainless steel wire rope to endure the daily rigors of harsh environments.

Suggested for concrete construction, welding, steel erection, food processing and warehouse applications. Meets all applicable OSHA, ANSI and CSA Standards.



CFL-4-Z7/9FT

### Black Rhino™ Self-Retracting Lifelines

- 9 ft. stainless steel wire rope
- Lightweight 4.3 lbs.
- Repairable; no annual factory recertification required – lowering cost of ownership
- Quick-activating, high-strength stainless steel braking system – arrests free falls, providing a quick, safe rescue
- Variety of integral anchorage connectors available – provides flexibility of use in a variety of applications

Item #	Unit Connector	ANSI
<b>Lanyard End: Locking Swivel Snap Hook with Load Indicator</b>		
CFL-1/9FT	None (Need Carabiner, Not Incl.)	ANSI A10.32
CFL-2/9FT	Steel Twist-Lock Carabiner	ANSI A10.32
CFL-3/9FT	Stainless Steel Swivel (Carabiner Not Included)	ANSI A10.32
CFL-4/9FT	Stainless Steel Swivel and Steel Twist-Lock Carabiner	ANSI A10.32
CFL-5/9FT	Stainless Steel Swivel and Rebar Locking Snap Hook	ANSI A10.32
CFL-2-Z7/9FT	Steel Twist-Lock Carabiner	ANSI Z359-2007
CFL-4-Z7/9FT	Stainless Steel Swivel and Steel Twist-Lock Carabiner	ANSI Z359-2007
CFL-5-Z7/9FT	Stainless Steel Swivel and Rebar Locking Snap Hook	ANSI Z359-2007
<b>Lanyard End: Locking Rebar Snap Hook</b>		
CFL-6/9FT	Stainless Steel Swivel and Steel Twist-Lock Carabiner	ANSI A10.32

Note: Locking Snap Hook – 3/4-inch gate opening; Locking Rebar Hook – 2-1/2 inch gate opening

## Connecting Devices

### Falcon™ Self-Retracting Lifelines

- Corrosion-resistant stainless steel and aluminum internal components extend service life and reduce replacement costs
- Lightest composite unit on the market – easy to handle and transport to/from jobsites; easy to install
- Unique side payout design reduces wear on the entry guide bushing and cable for smooth operation with less drag
- Smooth, quiet operation; engineered spring retraction tension designed not to pull or drag on a worker to improve productivity and reduce fatigue
- Built-in, ergonomically-designed molded handle on the 50- and 65-ft. units provides support and leverage when attaching to anchorage connector
- Dual swivels (unit top and snap hook) included on all models to minimize twisting of lifeline during use
- New and improved load indicators identify when the unit needs to be removed from service (cable models – on snap hook, web models – flag on webbing)
- No annual factory recertification required\* – lowers cost of ownership and increases productivity
- Falcon cable SRL models rated to 400 lbs (181.4kg) capacity when using a SofStop® shock absorber (928LS/18INYL)
- Falcon web SRL models rated for up to 400 lbs (181.4kg) worker

### Xtreme Durability

**Lifetime Housing Guarantee (when used under typical working conditions).**

Nearly indestructible, the high impact-resistant nylon housing withstands the harsh rigors of the toughest applications. The lightest, most rugged lines of composite retractables are designed with smooth, round edges to increase durability. Pound for pound the strongest, most durable retractable lifeline available in 20-, 30-, 50- and 65-ft. lengths. Meets all applicable OSHA, ANSI and CSA Standards.



Item #	Description
<b>ANSI A10.32</b>	
MP16P/16FT	16' Web Lifeline with Tagline and Carabiner; Rated to 400 lbs
MP20P/20FT	20' Web Lifeline with Tagline and Carabiner; Rated to 400 lbs
MP20G/20FT	20' Galvanized Wire Rope with Tagline and Carabiner
MP20SS/20FT	20' Stainless Steel Wire Rope with Tagline and Carabiner
MP30G/30FT	30' Galvanized Wire Rope with Tagline and Carabiner
MP30SS/30FT	30' Stainless Steel Wire Rope with Tagline and Carabiner
MP50G/50FT	50' Galvanized Wire Rope with Tagline and Carabiner
MP50SS/50FT	50' Stainless Steel Rope with Tagline and Carabiner
MP65G/65FT	65' Galvanized Wire Rope with Tagline and Carabiner
MP65SS/65FT	65' Stainless Steel Rope with Tagline and Carabiner
928LS/18INBK	SofStop Shock Absorber Pack with Locking Snap Hook and D-ring (for 400 lbs Working Load)
<b>ANSI Z359</b>	
MP16P-Z7/16FT	16' Web Lifeline with Tagline and Carabiner; Rated to 400 lbs
MP20P-Z7/20FT	20' Web Lifeline with Tagline and Carabiner; Rated to 400 lbs
MP20G-Z7/20FT	20' Galvanized Wire Rope with Tagline and Carabiner
MP30G-Z7/30FT	30' Galvanized Wire Rope with Tagline and Carabiner
MP50G-Z7/50FT	50' Galvanized Wire Rope with Tagline and Carabiner
MP65G-Z7/65FT	65' Galvanized Wire Rope with Tagline and Carabiner

\*Except in Canada where the Canadian Standards Association requires annual factory recertification

## Connecting Devices

### 11 Feet of Working Capacity

Requires less fall clearance than shock-absorbing lanyards, making rescue easier and reducing trip hazards. Meets all applicable OSHA, ANSI A10.32 and CSA Standards.



### Titan™ Personal Fall Limiters

- 11 ft. of working capacity; compact, lightweight design
- Quick-activating stainless steel braking mechanism arrests free falls
- Corrosion-resistant interior components; visual load indicator
- No annual factory recertification required

Item #	Description
TFL/11FT	Unit without an Anchorage Connector
TFL-1/11FT	Unit with Steel Twist-Lock Carabiner
TFL-2/11FT	Unit with Stainless Steel Swivel Shackle
TFL-3/11FT	Unit with Stainless Steel Swivel Shackle and Carabiner
TFL-6/11FT	Unit with Stainless Steel Swivel Shackle; Locking Rebar Hook (2-1/4" Gate Opening)

### Designed to Endure the Demands of Rigorous Work Environments

Titan™ Self-Retracting Lifelines are designed for a full-range of applications, including general maintenance and construction. Meet all applicable OSHA 1926.502, ANSI A10.32 and CSA Z259.2.2-98 Type 2 Standards.

### Titan™ Self-Retracting Lifeline Series

- Constructed with durable, impact-resistant nylon housings with steel frames
- Affordably priced
- Quick-activating braking mechanism
- Variety of working lengths
- No annual factory recertification required\*
- Snap hook with swivel; carabiner included
- Narrow payout port



Item #	Length	Housing Material	Lifeline Material
TRW/20FT	20'	Aluminum and Stainless Steel	1" Webbing
TR20/20FT	20'	Glass-Filled Polypropylene	3/16" Galvanized Wire Rope
TR30/30FT	30'	Glass-Filled Polypropylene	3/16" Galvanized Wire Rope
TR50/50FT	50'	Glass-Filled Polypropylene	3/16" Galvanized Wire Rope
TR65/65FT	65'	Glass-Filled Polypropylene	3/16" Galvanized Wire Rope

\*Except in Canada where the Canadian Standards Association requires annual factory recertification

## Anchorage Connectors

### Portable/Reusable Anchorage Connectors Designed for Use in Concrete Applications

The anchorage connector is designed as the intermediary for securing a connecting device to an anchorage.

Careful consideration should be given to selecting a proper anchorage for ultimate safety. The anchorage should be easily accessible, located a safe distance above any lower obstacles and support 5,000 lbs per worker.



### Miller Grip™ Temporary Anchorage Connectors

- A safe anchor point is established when the Miller Grip anchor is inserted into a properly-sized, cured concrete hole
- The reusable Miller Grip anchor can be removed and simply re-installed in a new location
- Designed for vertical or overhead/ceiling surface applications
- Multi-use Grips can be used for anchoring scaffolding, material handling and removal of concrete debris after demolition



Item #	Size	Description	Max User Weight
496	3/4"	5,000 lbs Capacity for Single User Connection	400 lbs.
497	1"	10,000 lbs Capacity for Single User Connection	400 lbs.
498	3/4"	1,000 lbs Max Safe Working Load for Multi-Use Connection	Not for Fall Protection Use
499	1"	2,000 lbs Max Safe Working Load for Multi-Use Connection	Not for Fall Protection Use

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Anchorage Connectors

### Miller Shadow® Beam Anchorage Connectors

- Once attached, units can slide along the beam with the worker, providing increased safety, mobility and productivity
- Fixed unit is designed to be tightened horizontally or vertically, firmly gripping the beam or column to provide a temporary or permanent anchorage attachment
- Rated to 400 lbs capacity



8816-14

Item #	Fits Flange Sizes	Description
8815-12	4" to 12"	Lightweight, Fixed Miller Shadow Beam Anchor – Stainless Steel and High-Strength Aluminum
8816-14	3" to 14"	Lightweight, Adjustable Miller ShadowLite Beam Anchor – High-Strength Aluminum and Bronze Construction
940WLS/6FTGN	–	6 ft. Shock-Absorbing Web Lanyard with Double SofStop Pack, 2 Locking Snap Hooks (Designed for 12' Fall – Use with Beam Anchors)

### NEW! Vi-Go™ Continuous Ladder Climbing Safety Systems with Automatic Pass-Through\*

- Uninterrupted fall protection
- Attachment mechanism engineered to prevent incorrect installation
- Easy, one-hand operation
- Cable sleeve integrated shock-absorbing element
- Automatic pass-through cable guides
- Accommodates 5/16-in (8mm) or 3/8-in (10mm) cable
- Kits include a top bracket assembly with shock-absorber, a bottom bracket assembly with lifeline tensioner, 3/8-in. (10mm) galvanized steel cable lifeline, all necessary hardware, automatic pass-through intermediate cable guides (when applicable) and instruction manual



Item #	Length of System	Number of Cable Guides
VG/40FT	40-ft.	0
VG/60FT	60-ft.	1
VG/80FT	80-ft.	1
VG/100FT	100-ft.	2

**Vi-Go Automatic Pass-Through Cable Sleeve Sold Separately**

VGCS	Automatic Pass-Through Cable Sleeve
VGCS-C	Automatic Pass-Through Cable Sleeve with Carabiner
VGCS-SC	Automatic Pass-Through Cable Sleeve with Integral Swivel and Carabiner

Automatic or Manual climbing design options are available. Call Miller Technical Service for details: 800 873-5242



\*Other system kits are available in 10-ft (3.0m) increments up to 300-ft. (91.4m), and then 50-ft. (15.2m) increments up to 500-ft. (152.4m)

Connect horizontally to a wide range of I and H beam flanges.



### Continuous Fall Protection when Climbing Fixed Ladders

New Vi-Go™ Ladder Climbing Safety Systems provide the ultimate in safety with continuous fall protection when climbing fixed ladders. Systems are available in easy-to-install kits.

- Lower Cost of Ownership – Do-it-yourself kits for easy installation and inspection. NO costly, annual manufacturer inspection often required by other systems.
- Accommodate up to four workers at a time – Increasing productivity.
- Automatic Personal Fall Arrestor Cable Sleeve – Designed to follow the user along the lifeline while ascending or descending, instantly locking in the event of a fall.



## Anchorage Connectors

### Continuous Fall Protection for Climbing Fixed Ladders

New GlideLoc® Vertical Height Access Ladder System provides an innovative solution for vertical climbing that is easy-to-use, requires minimal maintenance and provides superior safety. Kits are available in aluminum, galvanized or stainless steel construction. The easy-climb GlideLoc System offers hands-free safety at height that ultimately increases worker mobility, safety and productivity.



### Better Systems by Design

Xenon® Permanent Horizontal Lifeline Kits provide automatic pass-through fall protection for multiple workers to increase worker mobility, safety and productivity. Xenon kits provide do-it-yourself installation and feature patented stainless steel components that are easy-to-use and require minimal maintenance. For use along crane rail runways, loading bays/docks, machinery, conveyors, rooftops, inside sports arenas, pipe racks, bridges and many industrial applications.

- Easy installation
- Low deflection
- Extreme durability
- Low cost of ownership

### GlideLoc® Vertical Height Access Ladder System Kits

- Unique design keeps hands free for climbing
- Engineered for smooth operation for ascending/descending
- Easy to order and install do-it-yourself kits
- Durable construction for extended service life
- Accommodates multiple workers

Contact Miller Technical Service for Complete Details at 800 873-5242

### Xenon® Permanent Horizontal Lifeline Kits

- In addition to meeting all applicable global standards for Safety at Height, all components of Xenon kits are designed for versatility, reliability and comfort
- Stainless steel 5/16-in. (8mm) wire rope
- Stainless steel, swageless fittings for quick, easy installation
- Stainless steel D-bolt anchorage connectors rated to 10,000 lbs (45kN)

Contact Miller Technical Service for Complete Details at 800 873-5242



## Fall Protection Kits

### Titan ReadyWorker™ Fall Protection Kits

- Harnesses include back D-ring, back straps, pull-free lanyard rings and universal (large/x-large) sizing
- 6 ft. lanyards are tubular, shock-absorbing design
- Waterproof storage container

Item #	Side D-Rings on Harness	Harness Leg Strap Buckles	Cross Arm Anchorage
TFPK-1/U/6FTAK	No	Mating	No
TFPK-2/U/6FTAK	No	Tongue	No
TFPK-3/U/6FTAK	Yes	Tongue	No
TFPK-4/U/6FTAK	No	Mating	Yes
TFPK-5/U/6FTAK	No	Tongue	Yes
TFPK-6/U/6FTAK	Yes	Tongue	Yes

Note: Kits can also be purchased in bulk packs (48 units). Contact Miller Customer Service for details

### Fall Protection Safety and Convenience at Your Fingertips



TFPK-4/U/6FTAK

### Titan ReadyRoofer® Fall Protection System

- Lightweight, non-stretch harness – mating buckle leg straps
- Versatile, reusable roof anchor with attachment D-ring
- Compact trailing rope grab – stainless steel construction
- Shock-absorbing pack-type web lanyard – 3 ft.
- High-strength rope lifeline – 5/8" diameter synthetic rope
- Waterproof storage container

Item #	Description
BRFK25/25FT	ReadyRoofer System with 25' Rope Lifeline
BRFK50/50FT	ReadyRoofer System with 50' Rope Lifeline
BRFK75/75FT	ReadyRoofer System with 75' Rope Lifeline
BRFK100/100FT	ReadyRoofer System with 100' Rope Lifeline

Note: For harness with tongue buckle leg straps, add a "T" to the base model number after the letter "K" (Ex. BRFKT50/50FT)

### Convenient Fall Protection System for Roofing



BRFK25/25FT

## Rescue/Descent Device

### NEW! Miller SafEscape™ ELITE Rescue/Descent Device

- Automatic, controlled-descent device
- Meets all applicable safety standards globally
- No annual factory recertification required
- Accommodates a safe and quick rescue in an emergency
- Global solution for rescue/descent
- Lowers cost of ownership, enhances safety and is easy to use



Item#	Description
SEWPKT/75FT	Wind Energy Kit – Includes Miller SafEscape ELITE RDD with Hoisting Wheel and Ladder Bracket, T-bar, Edge Protector, 3 Anchor Slings, 3 Carabiners, Pulley, Adjustable Rope Anchor, Rescue Rope Grab, Accessory Bag and Kit Bag
SECRKT/75FT	Crane Rescue Kit – Includes Miller SafEscape ELITE RDD, Rescue Harness, Cross-Arm Strap, Retrieval Yoke and Rescue Bag
SE/75FT	Miller SafEscape ELITE RDD – Also Includes Anchor Slings and Rescue Bag
SEHW/75FT	Miller SafEscape ELITE RDD with Hoisting Wheel – Also Includes Anchor Slings and Rescue Bag
SEHWLB/75FT	Miller SafEscape ELITE RDD with Hoisting Wheel and Ladder Bracket – Also Includes Anchor Slings, Adjustable Rope Anchor and Rescue Bag



For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Confined Space

### Safe, Lightweight and Portable Solutions for a Variety of Confined Space Applications

Applications include confined space entry, rescue, positioning and personnel/material handling.



### Miller DuraHoist™ Portable Confined Space System

- System breaks down into four lightweight aluminum components
- Designed for manhole and confined space entry/retrieval and fall arrest applications

### Miller DuraHoist™ Portable Fall Arrest Post

- Provides three independent swivel tie-off points for fall arrest anchorage
- Three-stage/four-position telescoping design and aluminum construction

Item #	Description
<b>Miller DuraHoist Portable Confined Space System</b>	
DH-1/	Four-Piece System with ManHandler Hoist/Winch w/65-ft. (20m) or 3/16 (4.76mm) Galvanized Steel Cable
DH-2/	Four-Piece System without ManHandler Hoist/Winch
DH-3/	One-Piece Adjustable Mast
DH-21/	12-in. – 29-in. Two-Piece Adjustable Upper Mast
DH-23	30-in. – 48-in. Two-Piece Adjustable Upper Mast
DH-22/21	21-in. (.53m) Lower Mast Extension
DH-22/33	33-in. (.84m) Lower Mast Extension
DH-22/45	45-in. (1.14m) Lower Mast Extension
DH-22/57	57-in. (1.45m) Lower Mast Extension
DH-19-MILLER/	Complete Mounting Bracket Assembly
<b>Miller DuraHoist Portable Fall Arrest Post</b>	
DH-AP-1	Portable Fall Arrest Post
DH-AP-3	Rescue/Material Handling Davit Arm
DH-AP-11/	Complete Adapter Plate w/Bracket Assembly

Note: A variety of base and accessory options for both systems are available. Call Miller Technical Service for more information at 800 873-5242





# Confined Space

## Miller MightEvac® Self-Retracting Lifeline with Emergency Retrieval Hoist

- No annual factory recertification required\* – significant long-term savings/lower cost of ownership
- 20% lighter than competitive models
- Promotes quick and easy rescue with a 4:1 mechanical advantage (average speed of 25 ft. per minute)
- 310 lbs weight capacity
- For emergency evacuation only
- Corrosion-resistant stainless steel/aluminum components
- Convenient, heavy-duty carrying handle
- Available in galvanized or stainless steel wire rope and Kevlar® rope in lengths of 50 ft., 100 ft. and 130 ft., or Kevlar rope models in lengths of 40 ft. (SKU # MR40K/40FT) and 80 ft. (SKU # MR80K/80FT)

\*Does not apply to Canada (see CSA Z259.2.2-98). Must be inspected by a Miller authorized service center if involved in a fall or if fails user visual or function inspection

Item #	Description	Length
<b>Miller MightEvac Self-Retracting Lifeline Units – ANSI A10.32</b>		
MR50G/50FT	Miller MightEvac Unit w/Galvanized Wire Rope**	50'
MR100G/100FT	Miller MightEvac Unit w/Galvanized Wire Rope**	100'
MR130G/130FT	Miller MightEvac Unit w/Galvanized Wire Rope**	130'
MR50GB/50FT	Miller MightEvac Unit w/Mounting Bracket	50'
MR100GB/100FT	Miller MightEvac Unit w/Mounting Bracket	100'
MR130GB/130FT	Miller MightEvac Unit w/Mounting Bracket	130'
<b>Miller MightEvac Self-Retracting Lifeline Units – ANSI Z359</b>		
MR50GB-Z7/50FT	Miller MightEvac Unit w/Mounting Bracket	50'
MR100GB-Z7/100FT	Miller MightEvac Unit w/Mounting Bracket	100'
MR130GB-Z7/130FT	Miller MightEvac Unit w/Mounting Bracket	130'
<b>Complete Confined Space Systems* – ANSI A10.32</b>		
MR50GC/50FT	Miller MightEvac Unit w/7' Tripod and Mounting Bracket	50'
MR100GC/100FT	Miller MightEvac Unit w/7' Tripod and Mounting Bracket	100'
MR130GC/130FT	Miller MightEvac Unit w/7' Tripod and Mounting Bracket	130'
MR50GCM/50FT	Miller MightEvac Unit w/7' Tripod, Mounting Bracket and ManHandler Hoist	50'
MR50GX/50FT	Miller MightEvac Unit w/9' Tripod and Mounting Bracket	50'
MR100GX/100FT	Miller MightEvac Unit w/9' Tripod and Mounting Bracket	100'
MR130GX/130FT	Miller MightEvac Unit w/9' Tripod and Mounting Bracket	130'
MR50GXM/50FT	Miller MightEvac Unit w/9' Tripod, Mounting Bracket and ManHandler Hoist	50'
<b>Complete Confined Space Systems* – ANSI Z359</b>		
MR50GC-Z7/50FT	Miller MightEvac Unit w/7' Tripod and Mounting Bracket	50'
MR100GC-Z7/100FT	Miller MightEvac Unit w/7' Tripod and Mounting Bracket	100'
MR130GC-Z7/130FT	Miller MightEvac Unit w/7' Tripod and Mounting Bracket	130'

\*Confined Space Systems also include a pulley, carabiner and two heavy-duty equipment bags

\*\*For stainless steel wire rope, change the "G" to an "S" in the corresponding model number (Ex: MR50G/50FT becomes MR50S/50FT and MR130GC/130FT becomes MR130SC/130FT)

Note: ManHandler Hoist only available in 65 ft. and 100 ft. lengths

## No Annual Factory Recertification Required

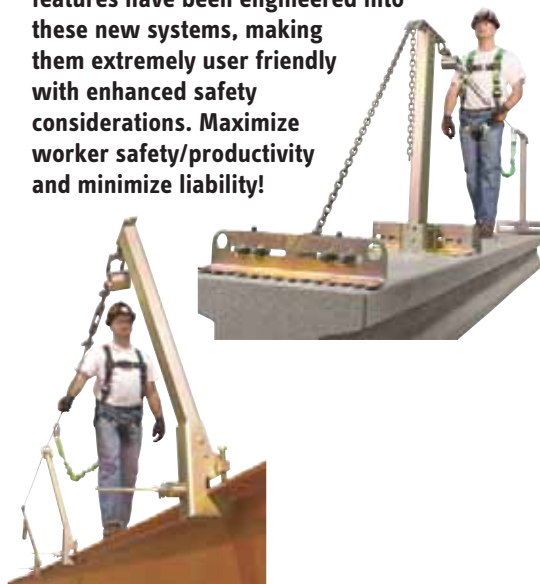
The Miller MightEvac® combines the superior performance and reliability of the best-selling MightyLite™ Self-Retracting Lifeline Series with a quick-activating retrieval mechanism for emergency evacuation. Meets all applicable OSHA, ANSI and CSA Standards.



## Horizontal Lifelines

### Introducing a New Dimension in Horizontal Lifeline Fall Arrest Technology

The new SkyGrip® HLLY Systems are designed for easy installation on steel or concrete applications. A variety of innovative features have been engineered into these new systems, making them extremely user friendly with enhanced safety considerations. Maximize worker safety/productivity and minimize liability!



### SkyGrip® Temporary Horizontal Lifeline System with Interchangeable Stanchion Posts

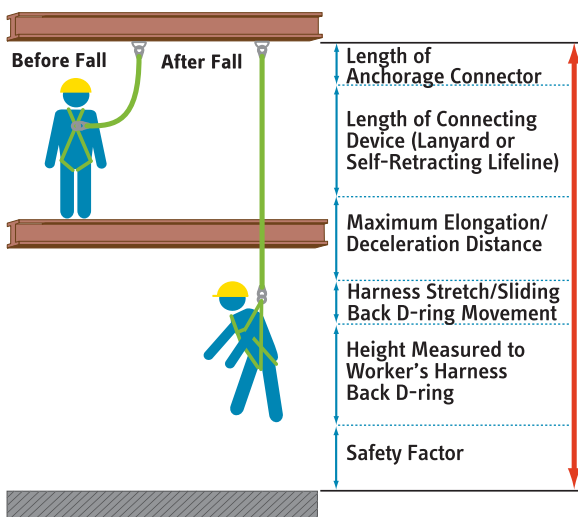
- Systems available for steel and concrete applications
- Interchangeable stanchion posts enable systems for steel applications to be converted to concrete applications and systems for concrete applications to be converted for steel applications
- Above the beam quick grip installation for increased safety
- Stainless steel energy absorber minimizes fall clearance
- Tension indicator insures proper tensioning critical to knowing fall clearance
- Continuous pass-through design, lightweight and compact

Item#	Description
<b>Systems for Steel Applications*</b>	
SGS18/60FT	60-ft. Single-Span System Accommodates Up to 2 Workers
SGS18/120FT	120-ft. Multi-Span System Accommodates Up to 4 Workers
<b>Systems for Concrete Applications**</b>	
SGC/60FT	60-ft. Single-Span System Accommodates Up to 2 Workers
SGC/120FT	120-ft Multi-Span System Accommodates Up to 4 Workers
<b>Convert Systems</b>	
SGSB18	Base to Convert Stanchions for Concrete Applications for Use in Steel Applications (One SGSB18 Required for Each Stanchion)
SGCB	Base to Convert Stanchions for Steel Applications for Use in Concrete Applications (One SGCA Required for Each Stanchion)
SGCA	Kit to Convert System for Steel Applications for Use in Concrete Applications (One SGCA Required for Each Stanchion)

\*Accommodates flanges 4-in. – 18-in. wide and up to 2 1/4-in. thick  
 \*\*Attaches to rebar, concrete inserts or expansion bolt anchors

## Select the Proper Fall Protection Equipment

**? Shock-Absorbing Lanyard or Self-Retracting Lifeline?**  
 Always know your fall distance and select proper equipment to meet the fall clearance.



**Remember:**  
**UNDER 18½ ft.\***  
 Always use a Self-Retracting Lifeline  
**OVER 18-1/2 ft.**  
 A Shock-Absorbing Lanyard or Self-Retracting Lifeline Can Be Used



\*For fall clearance under 14½ ft. contact Miller Technical Service 800 873-5242.

# Fall Prevention and Protection Training

## Open Enrollment Training Programs

- Experienced instructors
- Live demonstrations and hands-on training
- Addresses site-specific variables and performance requirements of fall prevention and protection
- Register online at [www.millerfallprotection.com/training](http://www.millerfallprotection.com/training)

**Competent Person I Training**

**Competent Tower Climbers Training**

**Confined Space and Confined Space Entry Training**

**Confined Space Rescue**

**Confined Space Train the Trainer**

**Fall Protection Equipment Inspection**

**Fall Protection Rescue (Basic Rescue)**

**Hazardous Communication**

**Hazwoper (Hazardous Waste Operations and Emergency Response)**

**High-Access Rescue Training**

**Ladder Safety Training**

**OSHA 10-Hour General Industry Training**

**OSHA 30-Hour General Industry Training**

**Scaffolding Competent Person**

**Scaffolding Train the Trainer**

**Training Facilitators Class**



**NEW! Fall Protection Orientation I – Available Online in English or Spanish**

One-hour orientation course provides an overview of fall hazards and basic skills related to proper use of fall protection equipment. This course is designed for non-supervisory personnel with limited or no knowledge of fall hazards or protection procedures.

**NEW! Fall Protection Orientation II – Available Online in English or Spanish**

70 minute course provides an introduction to hazard identification and basic skills related to proper use of fall protection equipment. This course is designed for non-supervisory personnel with limited exposure to fall hazards.

**NEW! ANSI Standards – Available Online – FREE for a limited time**

1-hour ANSI Standards Training video is now available to view exclusively online.

**NEW! Wind Energy Basic Height Safety Training**

One-day course designed as a basic work at height training for individuals who are not directly employed as wind energy engineers or technicians, but who may have an occasional need to limb a wind turbine under supervised conditions.

**NEW! Wind Energy Competent Climber Training**

Two-day course fulfills the basic work at height training requirements for field technicians and engineers employed within the wind energy sector.

## Training is an integral part of a Fall Protection Program.

To maintain a safe and productive work environment, it is essential that employees working at heights:

- Recognize fall hazards
- Evaluate the risk posed by each hazard
- Control the hazard through preventative or protective measures



## Miller Announces NEW Online Fall Prevention & Protection Training

- Gain access to online fall protection training at your convenience and time schedules
- Learn proper fall protection techniques and procedures for working at height
- Receive a Certificate of Completion confirming course participation
- Bilingual courses available (in English and Spanish)



## Engineered Solutions

**Miller Engineered Solutions is dedicated to the design and installation of custom-engineered fall protection systems.**

**Our qualified, licensed and experienced personnel complete all work from design and engineering to final field commissioning, in accordance with federal and local codes and regulations.**

### Providing Innovative Solutions

With a complete range of engineering capabilities, Miller Engineered Solutions provides innovative and superior solutions to an array of fall protection needs. Engineering services include:

- Site survey consultation
- Design, supply and installation of passive and active fall protection systems
- Follow-up testing, training, inspection and certification

All engineered solutions are in accordance with our client's work environment, procedures and budget. The added benefits expected include a significant reduction in risk, maintaining or lowering insurance premiums, controlling workers compensation claims, regulatory compliance and, most importantly, safeguarding employee safety.

### Site Survey Hazard Assessment

- Consultative approach to identifying the safety hazards associated with fall exposures

### Passive Fall Arrest Systems

- *Passive* fall arrest systems, such as handrails, guardrails, catwalks/platforms, ladders and landings are a first-line solution to fall hazards

### Active Fall Arrest Systems

- When a *passive* fall arrest system is not considered an effective or an aesthetic alternative, Miller Engineered Solutions designs, supplies and installs *active* fall arrest systems
- *Active* Systems include: fall restraint systems that prevent a fall from occurring; fixed point anchors when fall protection is only required in a localized area; horizontal systems that provide continuous fall protection when travel and mobility are required at heights, Miller Engineered Solutions offers cable-based, flexible horizontal lifeline (HLL) systems; rigid rail systems constructed with conventional steel beams, fixed or mobile; lightweight, extruded aluminum; or compact, stainless steel
- Ladder Safety Climbing Systems: rigid-rail steel systems, cable-based systems, ladders with integrated safety rail, folding ladders with integrated safety rail

Contact Miller Engineered Solutions for complete details at 800 325-6746



# Reference: Personal Fall Arrest System

3 key components of the Personal Fall Arrest System (PFAS) must be in place and properly used to provide maximum worker protection.

## Anchorage/Anchorage Connector

### Body Wear

### Connecting Device

#### A Anchorage:

Commonly referred to as a tie-off point (i.e. I-beam)

#### Anchorage Connector:

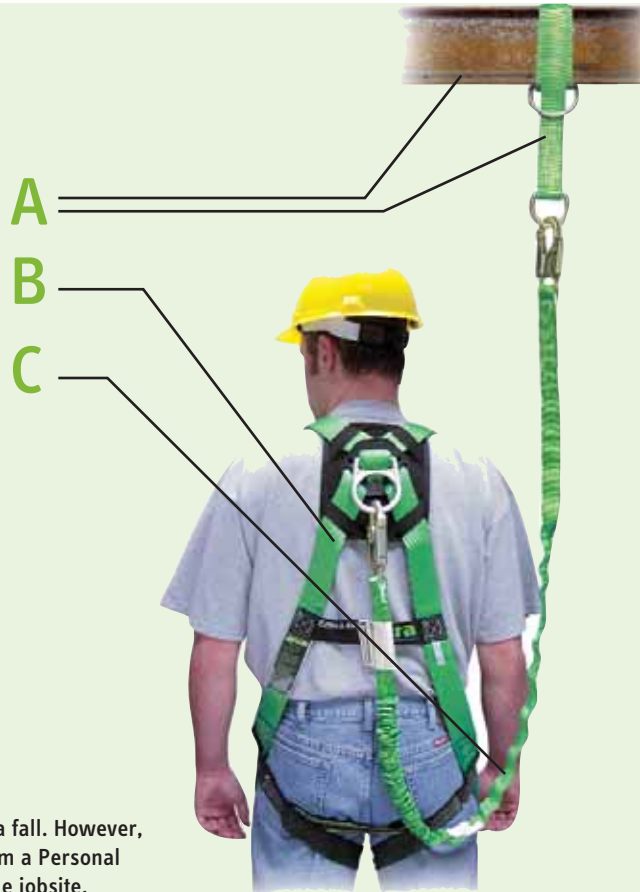
Used to join the connecting device to the anchorage (i.e. cross-arm strap)

#### B Body Wear:

The personal protective equipment worn by the worker (i.e. full-body harness)

#### C Connecting Device:

The critical link that joins the body wear to the anchorage/anchorage connector (Ex: shock-absorbing lanyard (shown), or retractable lifeline)



Individually, these components will not provide protection from a fall. However, when used properly and in conjunction with each other, they form a Personal Fall Arrest System that becomes vitally important for safety on the jobsite.

## 6 Easy Steps That Could Save Your Life

### How to Put a Harness On

<p><b>1</b></p>	<p><b>2</b></p>	<p><b>3</b></p>	<p><b>4</b></p>	<p><b>5</b></p>	<p><b>6</b></p>
<p>Hold harness by back D-ring. Shake harness to allow all straps to fall in place.</p>	<p>If chest, leg and/or waist straps are buckled, release straps and unbuckle at this time.</p>	<p>Slip straps over shoulders so D-ring is located in middle of back between shoulder blades.</p>	<p>Pull leg strap between legs and connect to opposite end. Repeat with second leg strap. If belted harness, connect waist strap after leg straps.</p>	<p>Connect chest strap and position in mid-chest area. Tighten to keep shoulder straps taut.</p>	<p>After all straps have been buckled, tighten all buckles so that harness fits snugly but allows for full range of movement. Pass excess strap through loop keepers.</p>

## Miller Fall Protection

### Body Wear

#### Miller Revolution™ Harnesses

##### DualTech™ Webbing

Item #	Description
RDT-QC/UBK	Quick-Connect Buckle Legs
RDT-TB/UBK	Tongue Buckle Legs
RDT-QC-B/UBK	Removable Belt, Quick-Connect Buckle Legs
RDT-TB-B/UBK	Removable Belt, Tongue Buckle Legs
RDT-QC-DP/UBK	Side D-Rings and Pad, Quick-Connect Buckle Legs
RDT-TB-DP/UBK	Side D-Rings and Pad, Tongue Buckle Legs
RDT-QC-BDP/UBK	Removable Belt, Side D-Rings and Pad, Quick-Connect Buckle Legs
RDT-TB-BDP/UBK	Removable Belt, Side D-Rings and Pad, Tongue Buckle Legs

##### DuraFlex® Webbing

Item #	Description
RDF-QC/UGN	Quick-Connect Buckle Legs
RDF-TB/UGN	Tongue Buckle Legs
RDF-QC-B/UGN	Removable Belt, Quick-Connect Buckle Legs
RDF-TB-B/UGN	Removable Belt, Tongue Buckle Legs
RDF-QC-DP/UGN	Side D-Rings and Pad, Quick-Connect Buckle Legs
RDF-TB-DP/UGN	Side D-Rings and Pad, Tongue Buckle Legs
RDF-QC-BDP/UGN	Removable Belt, Side D-Rings and Pad, Quick-Connect Buckle Legs
RDF-TB-BDP/UGN	Removable Belt, Side D-Rings and Pad, Tongue Buckle Legs

##### DuraFlex Python® Webbing

Item #	Description
RPY-QC/UGN	Quick-Connect Buckle Legs
RPY-TB/UGN	Tongue Buckle Legs
RPY-QC-B/UGN	Removable Belt, Quick-Connect Buckle Legs
RPY-TB-B/UGN	Removable Belt, Tongue Buckle Legs
RPY-QC-DP/UGN	Side D-Rings and Pad, Quick-Connect Buckle Legs
RPY-TB-DP/UGN	Side D-Rings and Pad, Tongue Buckle Legs
RPY-QC-BDP/UGN	Removable Belt, Side D-Rings and Pad, Quick-Connect Buckle Legs
RPY-TB-BDP/UGN	Removable Belt, Side D-Rings and Pad, Tongue Buckle Legs

##### Kevlar®-Nomex® Webbing

Item #	Description
RKN-QC/UBK	Quick-Connect Buckle Legs
RKN-TB/UBK	Tongue Buckle Legs
RKN-QC-B/UBK	Removable Belt, Quick-Connect Buckle Legs
RKN-TB-B/UBK	Removable Belt, Tongue Buckle Legs

Model numbers listed are for Universal (Large/X-Large) size. Harnesses are also available in Small/Medium and XXL/XXXLarge, by replacing the "U" in the model number with "S/M" or "XXL/XXXL" (Ex: RDT-QC-B/XXL/XXXLBK). For front D-ring vest-style option, add "FD" to the corresponding harness model number (Ex: RDTFD-QC/UGN)

#### Miller Revolution™ Accessories

Item #	Description
RIA-T1	Mini Cell Phone Holder w/Snap-On Connector
RIA-T2	Regular Cell Phone/Jobsite Radio Holder, w/Snap-On Connector
RIA-T3	Water Bottle Holder, 1 Qt.
RIA-T4	Large Open Bolt and Bull Pin Bag w/Quick-Release Tool Snap
RIA-T5	Medium Open Bolt and Bull Pin Bag
RIA-T6	2-Pocket Nail and Tool Pouch
RIA-T7	Large Multi-Pouch Tool Bag w/2 Steel Hammer Loops
RIA-T8	Padded Hammer Loop
RIA-T9	Open End Pliers and Tool Holder
RIA-T10	Zippered Cylindrical Utility Pouch

#### Optional Padding

Item #	Description
RIA-P1	Shoulder/Leg Pads (2 pack)
RIA-P2	Seat Pad

#### Connection Points

Item #	Description
RIA-C1	Sliding Belt Accessory Connectors (3 Pack)
RIA-C2	Universal Accessory and Belt Attachment Clip (2 Pack)

#### Belts (fits sizes 32" to 54")

Item #	Description
RIA-B1	Belt with PivotLink Attachments, 5 Accessory Connectors
RIA-B2	Belt with Pad and PivotLink Attachments, 5 Accessory Connectors

#### DuraFlex Python® ULTRA Harness

Item #	Side D-Rings	Size
P950QC/UGN	No	U
P950QC-7/UGN	Yes	U
P950QC-77/UGN	Yes	U
P950QC-4/XXXLGN	No	XXXL

Model numbers listed are for universal size. Harnesses are also available in Small/Medium and XX-Large, by replacing the "U" in the model number with "S/M" or "XXL"  
Note: For front D-ring vest-style option, add "FD" to the corresponding harness model number (Ex: P950QC/UGN)

#### DuraFlex® ULTRA Harness

Item #	Side D-Rings	Size
E650QC/UGN	No	U
E650QC-7/UGN	Yes	U
E650QC-77/UGN	Yes	U

Model numbers listed are for universal size. Harnesses are also available in Small/Medium and XX-Large, by replacing the "U" in the model number with "S/M" or "XXL"  
Note: For front D-ring vest-style option, add "FD" to the corresponding harness model number (Ex: P950QC/UGN); for blue webbing, substitute "BL" for "GN" in the suffix of the corresponding harness model number (Ex: E650QC-7/U BL)

#### Titan T-Flex™ Harnesses

Item #	Side D-Rings	Leg Strap Buckles
TF4000/UAK	No	Mating
TF4500/UAK	No	Tongue
TF4007/UAK	Yes	Mating
TF4507/UAK	Yes	Tongue

NOTE: Harnesses are also available in Small/Medium and XX-Large, by replacing the "U" in the model number with "S/M" or "XXL". For front D-ring vest-style option, add "FD" to the corresponding harness model number (Ex: TF4000FD/U)

#### Miller Relief Step™ Safety Device

Item #	Description
9099X/12	1 Box of 12 Relief Step Safety Devices
9099/36BULK	Bulk Quantity, 36 Relief Step Safety Devices

### Connecting Devices

#### Manyard® II Shock-Absorbing Lanyards

##### ANSI A10.32

Item #	No. of Legs	Harness Connection	Anchorage Connection	Std Length*
216M/6FTGN	1	Locking Snap Hook	Locking Snap Hook	6'
219M/6FTGN	1	Locking Snap Hook	Locking Rebar Hook	6'
231M/6FTGN	2	Locking Snap Hook	Locking Rebar Hooks	6'
232M/6FTGN	2	Locking Snap Hook	Locking Snap Hooks	6'
233M/6FTGN	1	Choke-Off Loop	Locking Snap Hook	6'

## Miller Fall Protection

### ANSI Z359

Item #	No. of Legs	Harness Connection	Anchorage Connection	Std Length*
216M-Z7/6FTGN	1	Locking Snap Hook	Locking Snap Hook	6'
219M-Z7/6FTGN	1	Locking Snap Hook	Locking Rebar Hook	6'
231M-Z7/6FTGN	2	Locking Snap Hook	Locking Rebar Hooks	6'
232M-Z7/6FTGN	2	Locking Snap Hook	Locking Snap Hooks	6'
233M-Z7/6FTGN	1	Choke-Off Loop	Locking Snap Hook	6'

\*Available in lengths from 4 ft. to 10 ft. Note: Locking Snap Hook - 3/4-inch gate opening; Locking Rebar Hook - 2-1/2 inch gate opening

### BackBiter® Tie-Back Lanyards

Item #	No. of Legs	Harness Connection	Anchorage Connection
913B/6FTGN	1	Locking Snap Hook	Locking 5K Snap Hook
8798B/6FTGN	2	Locking Snap Hook	Locking 5K Snap Hooks

Note: Locking Snap Hook - 3/4-inch gate opening; Locking Rebar Hook - 2-1/2 inch gate opening.

### Titan™ Shock-Absorbing Lanyards

#### Stretch Tubular Built-In Shock-Absorbing Lanyards\*

Item #	No. of Legs	Harness Connection	Anchorage Connection
T5111SS/6FTAF	1	Locking Snap Hook	Locking Snap Hook
T5112SS/6FTAF	1	Locking Snap Hook	Large Locking Rebar Hook
T5121SS/6FTAF	2	Locking Snap Hook	Locking Snap Hooks
T5122SS/6FTAF	2	Locking Snap Hook	Large Locking Rebar Hooks

#### Stretch Pack-Type Shock-Absorbing Lanyards\*\*

Item #	No. of Legs	Harness Connection	Anchorage Connection
T6111SS/6FTAF	1	Locking Snap Hook	Locking Snap Hook
T6112SS/6FTAF	1	Locking Snap Hook	Large Locking Rebar Hook
T6121SS/6FTAF	2	Locking Snap Hook	Locking Snap Hooks
T6122SS/6FTAF	2	Locking Snap Hook	Large Locking Rebar Hooks

\*Large Locking Rebar Hook (2-1/4" gate opening). Available from 4 ft. to 10 ft. lengths  
 \*\*Large Locking Rebar Hook (2-1/4" gate opening). Available from 3 ft. to 10 ft. lengths

### Titan T-BAK™ Shock-Absorbing Lanyards

#### ANSI A10.32

Item #	No. of Legs	Harness Connection	Anchorage Connection
T6111TB/6FTAF	1	Locking Snap Hook	Auto-Lock Carabiner
T6121TB/6FTAF	2	Locking Snap Hook	Auto-Lock Carabiner

### TurboLite™ Personal Fall Limiter

#### ANSI A10.32

Item #	Description and Unit Connector	Lanyard End Connector
MFL-1/6FT	TurboLite w/Steel Twist-Lock Carabiner	Locking Snap Hook
MFL-2/6FT	TurboLite w/Steel Twist-Lock Carabiner	Locking Rebar Hook
MFL-3/6FT	TurboLite without Unit Connector	Locking Snap Hook
MFL-4/6FT	TurboLite without Unit Connector	Locking Rebar Hook
MFL-5/6FT	TurboLite without Unit Connector	Locking Swivel Snap Hook
MFL-6/6FT	TurboLite without Unit Connector	Locking Swivel Rebar Hook
MFL-7/6FT	TurboLite w/D-ring Swivel Hook	Locking Snap Hook
MFL-8/6FT	TurboLite w/D-ring Swivel Hook	Locking Rebar Hook
MFL-9/6FT	TurboLite w/Locking Snap Hook	Locking Snap Hook
MFL-10/6FT	TurboLite w/Locking Snap Hook	Locking Rebar Hook
MFL-11/6FT	TurboLite w/Alum Twist-Lock Carabiner	Alum Locking Snap Hook
MFL-12/6FT	TurboLite w/Alum Twist-Lock Carabiner	Alum Locking Rebar Hook

#### ANSI Z359

Item #	Description and Unit Connector	Lanyard End Connector
MFL-1-Z7/6FT	TurboLite w/Steel Twist-Lock Carabiner	Locking Snap Hook
MFL-2-Z7/6FT	TurboLite w/Steel Twist-Lock Carabiner	Locking Rebar Hook
MFL-3-Z7/6FT	TurboLite without unit connector	Locking Snap Hook

MFL-4-Z7/6FT	TurboLite without Unit Connector	Locking Rebar Hook
MFL-5-Z7/6FT	TurboLite without Unit Connector	Locking Swivel Snap Hook
MFL-9-Z7/6FT	TurboLite w/ANSI Z359 Locking Snap Hook	Locking Snap Hook
MFL-10-Z7/6FT	TurboLite w/ANSI Z359 Locking Snap Hook	Locking Rebar Hook

### Twin Turbo™ Fall Protection System

#### Twin Turbo D-Ring Connector

Item #	Description and Unit Connector	Lanyard End Connector	Weight
MFLB/	Twin Turbo D-Ring Connector	N/A	12.7 oz (395g)
MFLB-PARTS	D-Ring Connector Parts Kit: Slide Lock Bolt (1), PFL Spacer (2), PFL Retainer Pin (2)	N/A	N/A

#### TwinTurbo System Kits (all kits shipped completely assembled)

Item #	Description and Unit Connector	Lanyard End Connector	Weight
<b>ANSI A10.32</b>			
MFLB-3/6FT	TwinTurbo D-Ring Connector and 2 MFL-3/6FT TurboLite PFLs	Locking Snap Hooks	4.7 lbs (2.1kg)
MFLB-4/6FT	TwinTurbo D-Ring Connector and 2 MFL-4/6FT TurboLite PFLs	Locking Rebar Hooks	6.1 lbs (2.8kg)
MFLB-11/6FT	TwinTurbo D-Ring Connector and 2 MFL-11/6FT TurboLite PFLs	Alum Locking Snap Hooks	4.7 lbs (2.1kg)
MFLB-12/6FT	TwinTurbo D-Ring Connector and 2 MFL-12/6FT TurboLite PFLs	Alum Locking Rebar Hooks	6.1 lbs (2.8kg)

#### ANSI Z359

MFLB-3-Z7/6FT	TwinTurbo D-Ring Connector and 2 MFL-3-Z7/6FT TurboLite PFLs	Locking ANSI Snap Hooks	4.9 lbs (2.2kg)
MFLB-4-Z7/6FT	TwinTurbo D-Ring Connector and 2 MFL-4-Z7/6FT TurboLite PFLs	Locking ANSI Rebar Hooks	6.7 lbs (3.0kg)

### Miller Scorpion™ Personal Fall Limiters

#### ANSI A10.32

Item #	Unit Connector Options	Lanyard End Connector Options
PFL-1/9FT	None	Locking Snap Hook
PFL-2/9FT	Steel Twist-Lock Carabiner	Locking Snap Hook
PFL-3/9FT	Stainless Steel Swivel Shackle	Locking Snap Hook
PFL-4/9FT	Carabiner and Swivel Shackle	Locking Snap Hook
PFL-5/9FT	D-Ring Swivel Hook	Locking Snap Hook
PFL-6/9FT	Rebar Hook and Swivel Shackle	Locking Snap Hook
PFL-7/9FT	Locking Snap Hook and Swivel Shackle	Locking Snap Hook
PFL-8/9FT	Captive Eye Carabiner	Locking Snap Hook

#### ANSI Z359

Item #	Unit Connector Options	Lanyard End Connector Options
PFL-2-Z7/9FT	Steel Twist-Lock Carabiner	Locking Snap Hook
PFL-4-Z7/9FT	Carabiner and Swivel Shackle	Locking Snap Hook
PFL-6-Z7/9FT	Rebar Hook and Swivel Shackle	Locking Snap Hook
PFL-7-Z7/9FT	Locking Snap Hook and Swivel Shackle	Locking Snap Hook
PFL-15-Z7/9FT	None	Locking Swivel Snap Hook
PFLCMK-Z7/	Cab Mount Bracket and PFL-15-Z7/9FT	

Note: Locking Snap Hook - 3/4-inch gate opening; Locking Rebar Hook - 2-1/2 inch gate opening

### Black Rhino™ Self-Retracting Lifelines

#### Lanyard End: Locking Swivel Snap Hook with Load Indicator

Item #	Unit Connector	ANSI
CFL-1/9FT	None (Need Carabiner, Not Incl.)	ANSI A10.32
CFL-2/9FT	Steel Twist-Lock Carabiner	ANSI A10.32
CFL-3/9FT	Stainless Steel Swivel (Carabiner Not Incl.)	ANSI A10.32
CFL-4/9FT	Stainless Steel Swivel and Steel Twist-Lock Carabiner	ANSI A10.32

## Miller Fall Protection

### Black Rhino™ Self-Retracting Lifelines (continued)

Item #	Unit Connector	ANSI
CFL-5/9FT	Stainless Steel Swivel and Rebar Locking Snap Hook	ANSI A10.32
CFL-2-Z7/9FT	Steel Twist-Lock Carabiner	ANSI Z359-2007
CFL-4-Z7/9FT	Stainless Steel Swivel and Steel Twist-Lock Carabiner	ANSI Z359-2007
CFL-5-Z7/9FT	Stainless Steel Swivel and Rebar Locking Snap Hook	ANSI Z359-2007

### Lanyard End: Locking Rebar Snap Hook

CFL-6/9FT	Stainless Steel Swivel and Steel Twist-Lock Carabiner	ANSI A10.32
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Note: Locking Snap Hook - 3/4-inch gate opening; Locking Rebar Hook - 2-1/2 inch gate opening

### Falcon™ Self-Retracting Lifelines

#### ANSI A10.32

Item #	Description
MP16P/16FT	16' Web Lifeline with Tagline and Carabiner
MP20P/20FT	20' Web Lifeline with Tagline and Carabiner
MP20G/20FT	20' Galvanized Wire Rope with Tagline and Carabiner
MP20SS/20FT	20' Stainless Steel Wire Rope with Tagline and Carabiner
MP30G/30FT	30' Galvanized Wire Rope with Tagline and Carabiner
MP30SS/30FT	30' Stainless Steel Wire Rope with Tagline and Carabiner
MP50G/50FT	50' Galvanized Wire Rope with Tagline and Carabiner
MP50SS/50FT	50' Stainless Steel Rope with Tagline and Carabiner
MP65G/65FT	65' Galvanized Wire Rope with Tagline and Carabiner
MP65SS/65FT	65' Stainless Steel Rope with Tagline and Carabiner
928LS/18INYL	Miller SofStop Shock Absorber Pack with Locking Snap Hook and D-ring (for 400 lbs Working Load)

#### ANSI Z359

Item #	Description
MP16P-Z7/16FT	16' Web lifeline with Tagline and Carabiner; Rated to 400 lbs
MP20P-Z7/20FT	20' Web lifeline with Tagline and Carabiner; Rated to 400 lbs
MP20G-Z7/20FT	20' Galvanized Wire Rope with Tagline and Carabiner
MP30G-Z7/30FT	30' Galvanized Wire Rope with Tagline and Carabiner
MP50G-Z7/50FT	50' Galvanized Wire Rope with Tagline and Carabiner
MP65G-Z7/65FT	65' Galvanized Wire Rope with Tagline and Carabiner

### Titan™ Personal Fall Limiters

Item #	Description
TFL/11FT	Unit without an Anchorage Connector
TFL-1/11FT	Unit w/Steel Twist-Lock Carabiner
TFL-2/11FT	Unit w/SS Swivel Shackle
TFL-3/11FT	Unit w/SS Swivel Shackle and Carabiner
TFL-6/11FT	Unit w/SS Swivel Shackle; Locking Rebar Hook (2-1/4" Gate Opening)

SS=Stainless Steel

### Titan™ Self-Retracting Lifeline Series

Item #	Length	Housing Material	Lifeline Material
TRW/20FT	20'	Aluminum and Stainless Steel	1" Webbing
TR20/20FT	20'	Glass-Filled Polypropylene	3/16" Galvanized Wire Rope
TR30/30FT	30'	Glass-Filled Polypropylene	3/16" Galvanized Wire Rope
TR50/50FT	50'	Glass-Filled Polypropylene	3/16" Galvanized Wire Rope
TR65/65FT	65'	Glass-Filled Polypropylene	3/16" Galvanized Wire Rope

## Anchorage Connectors

### Miller Grip™ Temporary Anchorage Connectors

Item #	Size	Description	Max User Weight
496	3/4"	5,000 lbs Capacity for Single User Connection	400 lbs.
497	1"	10,000 lbs Capacity for Single User Connection	400 lbs.

498	3/4"	1,000 lbs. Max Safe Working Load for Multi-Use Connection	Not for Fall Protection Use
499	1"	2,000 lbs. Max Safe Working Load for Multi-Use Connection	Not for Fall Protection Use

### Miller Shadow® Beam Anchorage Connectors

Item #	Fits Flange Sizes	Description
8815-12	4" to 12"	Lightweight, Fixed Shadow Beam Anchor - Stainless Steel and High-Strength Aluminum
8816-14	3" to 14"	Lightweight, Adjustable ShadowLite™ Beam Anchor - High-Strength Aluminum and Bronze Construction
940WLS/6FTGN	-	6 ft. Shock-Absorbing Web Lanyard with Double SofStop Pack, 2 Locking Snap Hooks (Designed for 12' Fall - Use with Beam Anchors)

### ViGo™ Continuous Ladder Climbing Safety Systems

#### Vi-Go Continuous Ladder Climbing Safety System Kits with Automatic Pass-Through\*

Item #	Length of System	No. of Cable Guides
VG/40FT	40-ft.	0
VG/60FT	60-ft.	1
VG/80FT	80-ft.	1
VG/100FT	100-ft.	2

\*Other system kits are available in 10-ft (3.0m) increments up to 300-ft. (91.4m), and then 50-ft. (15.2m) increments up to 500-ft. (152.4m)

#### Vi-Go Automatic Pass-Through Cable Sleeve Sold Separately

Item #	Description
VGCS	Automatic Pass-Through Cable Sleeve
VGCS-C	Automatic Pass-Through Cable Sleeve with Carabiner
VGCS-SC	Automatic Pass-Through Cable Sleeve with Integral Swivel and Carabiner

### GlideLoc® Fixed Rail Ladder Climbing Systems

Contact Miller Technical Service for Complete Details - 800 873-5242

### Xenon® Permanent Horizontal Lifeline Systems

Contact Miller Technical Service for Complete Details - 800 873-5242

## Fall Protection Kits

### Titan ReadyWorker™ Fall Protection Kits

Item #	Side D-Rings on Harness	Harness Leg Strap Buckles	Cross Arm Anchorage
TFPK-1/U/6FTAK	No	Mating	No
TFPK-2/U/6FTAK	No	Tongue	No
TFPK-3/U/6FTAK	Yes	Tongue	No
TFPK-4/U/6FTAK	No	Mating	Yes
TFPK-5/U/6FTAK	No	Tongue	Yes
TFPK-6/U/6FTAK	Yes	Tongue	Yes

Note: Kits can also be purchased in bulk packs (48 units). Contact Miller Customer Service for details

### Titan ReadyRoofer® Fall Protection System

Item #	Description
BRFK25/25FT	ReadyRoofer System with 25' Rope Lifeline
BRFK50/50FT	ReadyRoofer System with 50' Rope Lifeline
BRFK75/75FT	ReadyRoofer System with 75' Rope Lifeline
BRFK100/100FT	ReadyRoofer System with 100' Rope Lifeline

Note: For harness with tongue buckle leg straps, add a "T" to the base model number after the letter "K" (Ex. BRFKT50/50FT)



## Miller Fall Protection

### Rescue/Descent Device

#### Miller SafEscape™ ELITE

Item#	Description
SEWPKT/75FT	Wind Energy Kit – Includes Miller SafEscape ELITE RDD with Hoisting Wheel and Ladder Bracket, T-bar, Edge Protector, 3 Anchor Slings, 3 Carabiners, Pulley, Adjustable Rope Anchor, Rescue Rope Grab, Accessory Bag and Kit Bag
SECRKT/75FT	Crane Rescue Kit – Includes Miller SafEscape ELITE RDD, Rescue Harness, Cross-Arm Strap, Retrieval Yoke and Rescue Bag
SE/75FT	Miller SafEscape ELITE RDD – Includes Anchor Alings and Rescue Bag
SEHW/75FT	Miller SafEscape ELITE RDD w/Hoisting Wheel – Includes Anchor Slings and Rescue Bag
SEHWLB/75FT	Miller SafEscape ELITE RDD w/Hoisting Wheel and Ladder Bracket – Includes Anchor Slings, Adjustable Rope Anchor and Rescue Bag

### Confined Space Systems

#### Miller DuraHoist™ Portable Confined Space Systems

Item #	Description
DH-1/	Four-Piece System with ManHandler Hoist/Winch w/65-ft. (20m) or 3/16 (4.76mm) Galvanized Steel Cable
DH-2/	Four-Piece System without ManHandler Hoist/Winch
DH-3/	One-Piece Adjustable Mast
DH-21/	12-in. - 29-in. Two-Piece Adjustable Upper Mast
DH-23	30-in. - 48-in. Two-Piece Adjustable Upper Mast
DH-22/21	21-in. (.53m) Lower Mast Extension
DH-22/33	33-in. (.84m) Lower Mast Extension
DH-22/45	45-in. (1.14m) Lower Mast Extension
DH-22/57	57-in. (1.45m) Lower Mast Extension
DH-19-MILLER/	Complete Mounting Bracket Assembly

#### Miller DuraHoist™ Portable Fall Arrest Post

Item #	Description
DH-AP-1	Portable Fall Arrest Post
DH-AP-3	Rescue/Material Handling Davit Arm
DH-AP-11/	Complete Adapter Plate w/Bracket Assembly

#### Miller MightEvac® Self-Retracting Lifeline Units

Item #	Description	ANSI	Length
MR50G/50FT	Miller MightEvac Unit w/Galvanized Wire Rope**	A10.32	50'
MR100G/100FT	Miller MightEvac Unit w/Galvanized Wire Rope**	A10.32	100'
MR130G/130FT	Miller MightEvac Unit w/Galvanized Wire Rope**	A10.32	130'
MR50GB/50FT	Miller MightEvac Unit w/Mounting Bracket	A10.32	50'
MR100GB/100FT	Miller MightEvac Unit w/Mounting Bracket	A10.32	100'
MR130GB/130FT	Miller MightEvac Unit w/Mounting Bracket	A10.32	130'
MR50GB-Z7/50FT	Miller MightEvac Unit w/Mounting Bracket	Z359-2007	50'
MR100GB-Z7/100FT	Miller MightEvac Unit w/Mounting Bracket	Z359-2007	100'
MR130GB-Z7/130FT	Miller MightEvac Unit w/Mounting Bracket	Z359-2007	130'

#### Complete Confined Space Systems\*

##### ANSI A10.32

Item #	Description	Length
MR50GC/50FT	Miller MightEvac Unit w/7' Tripod and Mounting Bracket	50'
MR100GC/100FT	Miller MightEvac Unit w/7' Tripod and Mounting Bracket	100'
MR130GC/130FT	Miller MightEvac Unit w/7' Tripod and Mounting Bracket	130'
MR50GCM/50FT	Miller MightEvac Unit w/7' Tripod, Mounting Bracket and ManHandler Hoist	50'
MR50GX/50FT	Miller MightEvac Unit w/9' Tripod and Mounting Bracket	50'

MR100GX/100FT	Miller MightEvac Unit w/9' Tripod and Mounting Bracket	100'
MR130GX/130FT	Miller MightEvac Unit w/9' Tripod and Mounting Bracket	130'
MR50GXM/50FT	Miller MightEvac Unit w/9' Tripod, Mounting Bracket and ManHandler Hoist	50'

#### ANSI Z359

Item #	Description	Length
MR50GC-Z7/50FT	Miller MightEvac Unit w/7' Tripod and Mounting Bracket	50'
MR100GC-Z7/100FT	Miller MightEvac Unit w/7' Tripod and Mounting Bracket	100'
MR130GC-Z7/130FT	Miller MightEvac Unit w/7' Tripod and Mounting Bracket	130'

\*Confined Space Systems also include a pulley, carabiner and two heavy-duty equipment bags

\*\*For stainless steel wire rope, change the "G" to an "S" in the corresponding model number (Ex: MR50G/50FT becomes MR50S/50FT and MR130GC/130FT becomes MR130SC/130FT)

Note: ManHandler Hoist only available in 65 ft. and 100 ft. lengths

### Horizontal Lifeline

#### SkyGrip® Temporary Horizontal Lifeline System

##### Systems for Steel Applications\*

Item#	Description
SGS18/60FT	60-ft. Single-Span System Accommodates Up to 2 Workers
SGS18/120FT	120-ft. Multi-Span System Accommodates Up to 4 Workers

##### Systems for Concrete Applications\*\*

Item#	Description
SGC/60FT	60-ft. Single-Span System Accommodates Up to 2 Workers
SGC/120FT	120-ft. Multi-Span System Accommodates Up to 4 Workers

##### Convert Systems

Item#	Description
SGSB18	Base to Convert Stanchions for Concrete Applications for Use in Steel Applications (One SGSB18 Required for Each Stanchion)
SGCB	Base to Convert Stanchions for Steel Applications for Use in Concrete Applications (One SGCA Required for Each Stanchion)
SGCA	Kit to Convert System for Steel Applications for Use in Concrete Applications (One SGCA Required for Each Stanchion)

\*Accommodates flanges 4-in. to 18-in. wide and up to 2 1/4-in. thick

\*\*Attaches to rebar, concrete inserts or expansion bolt anchors

### Miller Training

#### Online and Open Enrollment Training Programs

Register or access online courses at [www.millerfallprotection.com](http://www.millerfallprotection.com)

Contact Miller Training for complete details at 800 873-5242

### Engineered Solutions

#### Miller Engineered Solutions

Contact Miller Engineered Solutions for complete details at 800 325-6746



SPERIAN Protection Americas, Inc.  
900 Douglas Pike  
Smithfield, RI 02917  
Tel: 800 343-3411  
Fax: 800 322-1330  
[www.sperian.com](http://www.sperian.com)

# SAFETY PRODUCTS CATALOG 2010



**INDUSTRIAL SAFETY GROUP**

**SPERIAN**  
Protection you can trust



## HARLEY-DAVIDSON® PERSONAL SAFETY WEAR TABLE OF CONTENTS

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**235** • Harley-Davidson® Personal Safety Wear  
Full Line SKU Listing

**⚠ WARNING!** Not intended for use when riding a motorcycle. Improper use of these products may result in serious personal injury or death.

**⚠ WARNING!** Harley-Davidson® Personal Safety Wear should only be used in conjunction with the manufacturer's instructions. Failure to follow such instructions could result in serious injury including diminution or loss of vision or fatality.



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license from Harley-Davidson Motor Company.



# Harley-Davidson® Personal Safety Wear

## SAFETY KICKS INTO A WHOLE NEW GEAR

Unmistakable Harley-Davidson® styling with innovative designs provide personalized comfort and fit and make this the most distinctive line-up of personal protective equipment available today. An extensive range of products including safety eyewear, hard hats and welding helmets are available to provide complete protection in the broadest range of applications and settings. Loaded with unmatched comfort, fit and protection, Harley-Davidson® Personal Safety Wear kicks safety into a whole new gear.



### Safety, Comfort, and Cool at an Unmatched Value

Be safe, comfortable and cool with the new HD1200 Series safety eyewear from Harley-Davidson® Personal Safety Wear. Lightweight, black frame features popular H-D® logos on both temples and is complemented by flame-orange nose pads

and temple tips for Harley-Davidson® styling. Priced right, this newest addition to our line puts all of the comfort, safety features, and Harley-Davidson® look you want at our best value ever.

[www.h-dpersonalsafetywear.com](http://www.h-dpersonalsafetywear.com)

## Safety Eyewear



**NEW!**

HD1202

### NEW! HD1200 Series

- Lightweight, black frame features popular Harley-Davidson® logos on both temples
- Flame-orange nose pads and temple tips for H-D® styling and superior comfort
- Priced right, the HD1200 Series puts all of the comfort, safety features and Harley-Davidson® look you want at a great value!

Item #	Frame Color	Lens Tint/Coating
HD1200	Black	Clear Hardcoat
HD1201	Black	Gray Hardcoat
HD1202	Black	Orange Mirror Hardcoat

Meets ANSI Z87+ Standard



**NEW!**

HD1102

### NEW! HD1100 Series

- Weighing less than an ounce, this lightweight style is comfortable for all day, on-the-job use
- Secure wrap-around brow expands to comfortably fit a wide range of wearers
- Custom orange and black temples feature sleek H-D® styling including the legendary Bar and Shield logo
- Soft temple inserts and molded “finger” nose pads provide additional comfort

Item #	Frame Color	Lens Tint/Coating
HD1100	Orange and Black	Clear Hardcoat
HD1101	Orange and Black	Gray Hardcoat
HD1102	Orange and Black	Silver Mirror Hardcoat

Meets ANSI Z87+ and CSA Z94.3 Standards



### HD1000 Series

- Raised chrome flame emblem with legendary Harley-Davidson® Bar and Shield logo on each temple for unmistakable Harley-Davidson® branding
- Dual lens design has a tight orbital wrap for a secure fit and superior protection
- Substantial plastic frame with a painted metallic finish gives a rugged look with lightweight protection for all-day user comfort
- Polycarbonate lenses feature scratch-resistant and anti-fog coatings for long-lasting durability in a wide range of applications



HD1002

Item #	Frame Color	Lens Tint/Coating
HD1000	Silver	Blue Mirror Hardcoat and Anti-Fog
HD1001	Black	Gray Hardcoat and Anti-Fog
HD1002	Gunmetal	Silver Mirror Hardcoat and Anti-Fog
HD1003	Gunmetal	Orange Mirror Hardcoat and Anti-Fog

Meets ANSI Z87+ Standard

For more information, visit us on the web:  
[www.h-dpersonalsafetywear.com](http://www.h-dpersonalsafetywear.com)

For more information or to order products on this page, please call Customer Care at 800 430-5490.



## Safety Eyewear

### HD800 Series

- Double 9-base frameless design is lightweight at just 27 grams
- Silver temples feature trailing flame design and Harley-Davidson® Bar and Shield logo
- Unique Harley-Davidson® metal detailing on nosebridge
- Striking mirrored lens options for outdoor work applications



HD801

Item #	Frame Color	Lens Tint/Coating
HD800	Silver Temples	Orange Mirror Hardcoat
HD801	Silver Temples	Blue Mirror Hardcoat
HD802	Silver Temples	Silver Mirror Hardcoat

Meets ANSI Z87+ and CSA Z94.3 Standards

### HD700 Series

- Double 8-base frame features spring-hinged temples for superior comfort
- Premium gunmetal frame with Harley-Davidson® Signature logo on temples
- H-D® Bar and Shield logo on lens
- Lens options for both indoor and outdoor work applications



HD700

Item #	Frame Color	Lens Tint/Coating
HD700	Gunmetal	Brown Mirror Hardcoat
HD701	Gunmetal	Clear Hardcoat
HD702	Gunmetal	Gray Hardcoat
HD703	Gunmetal	Amber Hardcoat

Meets ANSI Z87+ Standard

### HD500 Series

- Silver chrome or sleek black metal frame with lightweight design
- Spring-hinged temples for maximum comfort
- Sport style wrap-around design with excellent side protection
- Harley-Davidson® logo on frame and lens



HD503

Item #	Frame Color	Lens Tint/Coating
HD501	Silver Matte	Clear Hardcoat
HD502	Silver Matte	Gray Hardcoat
HD503	Silver Matte	Silver Mirror Hardcoat
HD510	Black Matte	Blue Mirror Hardcoat
HD513	Black Matte	Silver Mirror Hardcoat

Meets ANSI Z87+ Standard



EYE & FACE PROTECTION

RESPIRATORY PROTECTION

INSTRUMENTATION

HAND & ARM PROTECTION

HEARING PROTECTION

FALL PROTECTION

For Harley-Davidson® Personal Safety Wear replacement parts and accessories, see page 235.

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Safety Eyewear



### HD400 Series

- Impact-resistant 9-base wrap-around lens
- 180 degrees of panoramic vision with excellent side and brow coverage
- Black break-away adjustable hang cord is included



HD401

Item #	Frame Color	Lens Tint/Coating
HD400	Black	Clear Hardcoat
HD401	Black	Mirror 50 Hardcoat
HD402	Black	Silver Mirror Hardcoat

Meets ANSI Z87+ and CSA Z94.3 Standards



HD100

### HD100 Series

- Contemporary, wrap-around sport styling with a dual-lens look, molded-in sideshields, browguards and adjustable spatulite temples
- Available in classic black with translucent orange accents
- Special limited edition HD100 features a silver frame with blue mirror lens

Item #	Frame Color	Lens Tint/Coating
HD100	Silver	Blue Mirror Hardcoat
HD101	Black	Clear Hardcoat
HD102	Black	Espresso Hardcoat
HD103	Black	Gold Mirror Hardcoat

Meets ANSI Z87+ Standard

## Welding Helmets



### H-D® Premium Style Series, Flames

- Variable shade 9–13 auto-darkening filter provides a wide range of shade options
- High-gloss, high-graphic Harley-Davidson® flames design
- External shade selection knob allows for easy access shade selection
- Two-year warranty on solar-powered ADF



K918

Item #	Description	Shade Level
K918	H-D® Flames Premium Style Series	Variable Shade 9–13 ADF

For more information, visit us on the web:  
[www.h-dpersonalsafetywear.com](http://www.h-dpersonalsafetywear.com)

For more information or to order products on this page, please call Customer Care at 800 430-5490.



## Welding Helmets

### H-D® Premium Style Series, Racing

- Variable shade 9–13 auto-darkening filter provides a wide range of shade options
- High-gloss, high-graphic Harley-Davidson® racing design
- External shade selection knob allows for easy access shade selection
- Two-year warranty on solar-powered ADF



K919

Item #	Description	Shade Level
K919	H-D® Racing Premium Style Series	Variable Shade 9–13 ADF

### H-D® Signature Series

- Sleek, black helmet shell features Harley-Davidson® Bar and Shield and Signature logos
- Available in three filter configurations to suit a broad range of welding applications

Item #	Description	Shade Level
K915	H-D® Signature Series, 2" x 4 1/4" Flip-Up	Shade 10 Passive
K916	H-D® Signature Series, 4" x 5" Wide View	Shade 10 Passive
K917	H-D® Signature Series	Shade 10 ADF



### Harley-Davidson® Welding Helmets

Harley-Davidson® welding helmets comply with ANSI Z89.1-2003 Impact Standard.

- Patented telescoping headgear design and extended coverage of the helmet shell provides unsurpassed coverage and protection
- Two-year warranty on ADF models (K917, K918 and K919)



K915



K916



K917

For Harley-Davidson® Personal Safety Wear replacement parts and accessories, see page 235.

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Hard Hats

VE  
VE  
VE  
EYE & FACE PROTECTION  
RESPIRATORY PROTECTION  
INSTRUMENTATION  
HAND & ARM PROTECTION  
HEARING PROTECTION  
FALL PROTECTION



HDHHAT10

### H-D® Hard Hat, Flames Design

- High-gloss, full graphic shell with realistic flame design and the legendary Harley-Davidson® Bar and Shield logo

Item #	Description
HDHHAT10	High Gloss, Black Hard Hat with Realistic Flames Design

*Complies with ANSI Z89.1-2009 Impact Standard*

### H-D® Hard Hat, Racing Design

- High-gloss, fully decorated metallic silver shell with checkered flag Harley-Davidson® racing design and black and orange detailing

Item #	Description
HDHHAT20	High Gloss, Silver Hard Hat with Checkered Flag Racing Design

*Complies with ANSI Z89.1-2009 Impact Standard*



HDHHAT20



HDHHAT06



For more information, visit us on the web:  
[www.h-dpersonalsafetywear.com](http://www.h-dpersonalsafetywear.com)

For more information or to order products on this page,  
please call Customer Care at 800 430-5490.



## Hard Hats

### H-D® Skulls Hard Hat

- Orange metallic flames and razor sharp blades surround metallic skulls on the front and back of this high-gloss hard hat.
- Classic Harley-Davidson® Bar and Shield logo decal on the front

Item #	Description
HDHHAT30	High Gloss, Orange and Black Hard Hat with Silver Skull and Blade Graphics

Complies with ANSI Z89.1-2009 Impact Standard

### Special Edition! H-D® Special Edition Skulls Hard Hat

- Sleek, black matte hard hat features metallic silver flames, blades and skulls.
- Three-dimensional silver metal Bar and Shield logo emblem showcased on the front of this Special Edition hard hat

Item #	Description
HDHHAT35	Smooth Matte, Black Hard Hat with Silver Skull and Blade Graphics

Complies with ANSI Z89.1-2009 Impact Standard



HDHHAT30



HDHHAT35



### Harley-Davidson® Hard Hats

Harley-Davidson® hard hats comply with ANSI Z89.1-2009 Impact Standard.

Harley-Davidson® hard hats feature:

- High-gloss, full graphic shells
- Smooth 6-point ratchet adjustment that is quick and easy to set, allowing for proper safety cap alignment
- Cushioned sweatband that provides increased comfort for the wearer
- Type 1 Electric Class G and E

For Harley-Davidson® Personal Safety Wear replacement parts and accessories, see page 235.

For more information or to order products on this page, please call Customer Care at 800 430-5490.



## Reference: Limited Warranty Information



*Sperian Protection distributors must be authorized to distribute Harley-Davidson® Personal Safety Wear. Please see your Sperian Territory Sales Manager for details.*

### LIMITED WARRANTY

Sperian Protection warrants that its products are free from defects in material and workmanship. A product that is the subject of a warranty claim must first be made available to an authorized Sperian Protection distributor or to the seller from whom the product was purchased. All warranty returns must be shipped pre-paid. Sperian Protection will then determine whether repair or replacement of the product is the appropriate remedy. This will be done at no charge to the end user.

This limited warranty does not cover any Harley-Davidson® Personal Safety Wear product or component found by Sperian Protection to have been altered, misused, abused, tampered with or improperly maintained or to have deteriorated due to aging of any components made of rubber or any other elastomer.

This limited warranty does not cover any damage, loss or expense due to damage caused by accident, abuse, improper maintenance, use or misuse of the product.

For details regarding specific brand and product warranties, call 1-800-430-5490.



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▲ Harley-Davidson® Personal Safety Wear products should be used only in strict accordance with and adherence to the detailed instructions and warnings provided with the product.

▲ Harley-Davidson® Personal Safety Wear products are not intended for use when riding a motorcycle. Improper use may result in serious personal injury or death.



## Harley-Davidson® Personal Safety Wear

### Safety Eyewear

#### HD1200 Series

Item #	Frame Color	Lens Tint/Coating
HD1200	Black	Clear Hardcoat
HD1201	Black	Gray Hardcoat
HD1202	Black	Orange Mirror Hardcoat

#### HD1100 Series

Item #	Frame Color	Lens Tint/Coating
HD1100	Orange and Black	Clear Hardcoat
HD1101	Orange and Black	Gray Hardcoat
HD1102	Orange and Black	Silver Hardcoat

#### HD1000 Series

Item #	Frame Color	Lens Tint/Coating
HD1000	Silver	Blue Mirror Hardcoat and Anti-Fog
HD1001	Black	Gray Hardcoat and Anti-Fog
HD1002	Gunmetal	Silver Mirror Hardcoat and Anti-Fog
HD1003	Gunmetal	Orange Mirror Hardcoat and Anti-Fog

#### HD800 Series

Item #	Frame Color	Lens Tint/Coating
HD800	Silver Temples	Orange Mirror Lens
HD801	Silver Temples	Blue Mirror Lens
HD802	Silver Temples	Silver Mirror Lens

#### HD700 Series

Item #	Frame Color	Lens Tint/Coating
HD700	Gunmetal	Brown Mirror Hardcoat
HD701	Gunmetal	Clear Hardcoat
HD702	Gunmetal	Gray Hardcoat
HD703	Gunmetal	Amber Hardcoat

#### HD500 Series

Item #	Frame Color	Lens Tint/Coating
HD501	Silver Matte	Clear Hardcoat
HD502	Silver Matte	Gray Hardcoat
HD503	Silver Matte	Silver Mirror Hardcoat
HD510	Black Matte	Blue Mirror Hardcoat
HD513	Black Matte	Silver Mirror Hardcoat

#### HD400 Series

Item #	Frame Color	Lens Tint/Coating
HD400	Black	Clear Hardcoat
HD401	Black	Mirror 50 Hardcoat
HD402	Black	Silver Mirror Hardcoat

#### HD100 Series

Item #	Frame Color	Lens Tint/Coating
HD100	Silver	Blue Mirror Hardcoat
HD101	Black	Clear Hardcoat
HD102	Black	Espresso Hardcoat
HD103	Black	Gold Mirror Hardcoat

### Welding Protection

#### H-D® Premium Style Series, Flames

Item #	Description	Shade Level
K918	H-D® Flames Premium Style Series	Variable Shade 9-13 ADF

#### H-D® Premium Style Series, Racing

Item #	Description	Shade Level
K919	H-D® Racing Premium Style Series	Variable Shade 9-13 ADF

#### H-D® Signature Series

Item #	Description	Shade Level
K915	H-D® Signature Series, 2" x 4 1/4" Flip-Up	Shade 10 Passive
K916	H-D® Signature Series, 4" x 5" Wide View	Shade 10 Passive
K917	H-D® Signature Series	Shade 10 ADF

### Hard Hats

#### H-D® Hard Hat, Flames Design

Item #	Description
HDHHAT10	High Gloss, Black Hard Hat with Realistic Flames Design

#### H-D® Hard Hat, Racing Design

Item #	Description
HDHHAT20	High Gloss, Silver Hard Hat with Checkered Flag Racing Design

#### H-D® Skulls Hard Hat

Item #	Description
HDHHAT30	High Gloss, Orange and Black Hard Hat with Silver Skull and Blade Graphics

#### H-D® Special Edition Skulls Hard Hat

Item #	Description
HDHHAT35	Smooth Matte, Black Hard Hat with Silver Skull and Blade Graphics

### Replacement Parts & Accessories

#### H-D® Safety Eyewear

Item #	Description
HD902	Hang Cord for Harley-Davidson® Safety Eyewear
HD903	Zipper Storage Case for Harley-Davidson® Safety Eyewear

#### H-D® Welding Protection

Item #	Description
K933	Replacement Head Gear for Harley-Davidson® Welding Helmets

*More H-D® welding helmet replacement parts available, please call 800 430-5490 for ordering details*

#### H-D® Hard Hats

Item #	Description
HDHHAT05	4-Point Replacement Suspension for Harley-Davidson® Hard Hats
HDHHAT06	6-Point Replacement Suspension for Harley-Davidson® Hard Hats



SPERIAN Protection Americas, Inc.  
900 Douglas Pike  
Smithfield, RI 02917  
Tel: 800 343-3411  
Fax: 800 322-1330  
[www.sperian.com](http://www.sperian.com)

# SAFETY PRODUCTS CATALOG 2010



**INDUSTRIAL SAFETY GROUP**

**SPERIAN**  
Protection you can trust



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**65** • Sperian Eye & Face Protection  
Full Line SKU Listing

**⚠ WARNING!** Sperian® safety eyewear products should be used only in conjunction with the manufacturer's instructions. Failure to follow such instructions could result in serious injury, including diminished vision or loss of vision, or fatality. Sperian hard hat products should only be used in conjunction with the manufacturer's instructions. Failure to follow such instructions could result in serious injury or death.



# Sperian Eye & Face Protection

## INDUSTRIAL STRENGTH STYLE

Sperian Eye & Face Protection recognizes the importance of finding the right safety eyewear, goggles, face shields and hard hats that fit your budget and meet your compliance requirements. Our expertise ranges from construction and laboratory, to automotive, industrial and manufacturing, and even office environments. You'll find a full selection of protective eye and face equipment that you and your co-workers will want to wear.



### Hard Working Price

Comfort, style and security don't have to come with a high price. We engineer our products to offer world-class protection and style at an affordable price. Our experience spans over 130 years, so we understand the challenges that you face in the workplace. All of our sleek, contemporary designs meet Z87.1+ (High Impact) safety standards, and many also meet CSA Z94.3 safety standards. We understand the importance of personal eye protection.

### Eyewear That Fits – Style and Comfort

Personal protective equipment has to fit properly in order for it to perform its best. Sperian® eyewear, such as the new W-series, hits the mark. Designed for women, the W-series offers detailed design in both fit and style. The W100 series, W200 series and W300 series create a new genre of protection that women will want to wear.

Similarly, our new A900 reader-magnifier series takes the style of our popular A900 eyewear and adds a perfectly-positioned reader-magnifier to the lens. Sports-inspired styling of 3 magnifications, 2 different lens tints and 2 lens shapes for the North American market.

## Safety Eyewear

EYE & FACE PROTECTION



A904

### A900 Series

- Sporty, 8-base wrap-around polycarbonate lens
- Non-slip rubber nose bridge and padded temples provide a comfortable fit
- Available with scratch-resistant hardcoat or optional Fog-Ban® anti-fog coating
- Meets ANSI Z87+ (High Impact) standard
- CSA version meets CSA Z94.3 standard

Item #	Frame Color/Lens Tint	Coating
A900	Black/Clear	Hardcoat
A902	Black/TSR Gray	Hardcoat
A904	Black/Silver Mirror	Hardcoat
A901	Black/Clear	Fog-Ban Anti-Fog
A903	Black/TSR Gray	Fog-Ban Anti-Fog
A900CSA	Black/Clear	Hardcoat
A902CSA	Black/TSR Gray	Hardcoat
A904CSA	Black/Silver Mirror	Hardcoat
A901CSA	Black/Clear	Fog-Ban Anti-Fog
A903CSA	Black/TSR Gray	Fog-Ban Anti-Fog



### NEW! A900 Reader/Magnifier Series

Item#	Frame Color/Lens Tint	Magnifier Strength	Coating
A950	Black/Clear	+1.50	Hardcoat
A951	Black/Clear	+2.00	Hardcoat
A952	Black/Clear	+2.50	Hardcoat
A960	Black/TSR Gray	+1.50	Hardcoat
A961	Black/TSR Gray	+2.00	Hardcoat
A962	Black/TSR Gray	+2.50	Hardcoat
A950CSA*	Black/Clear	+1.50	Hardcoat
A951CSA*	Black/Clear	+2.00	Hardcoat
A952CSA*	Black/Clear	+2.50	Hardcoat
A960CSA*	Black/TSR Gray	+1.50	Hardcoat
A961CSA*	Black/TSR Gray	+2.00	Hardcoat
A962CSA*	Black/TSR Gray	+2.50	Hardcoat

\*CSA version provides extended coverage, but CSA does not certify reader/magnifiers at this time



A960



A801

### A800 Series

- Sporty, 9-base wrap-around polycarbonate lens
- Non-slip rubber nose bridge and unique padded temples
- Extra "flex" built into the temple for increased tension control
- Available with scratch-resistant hardcoat or optional Fog-Ban® anti-fog coating
- Meets ANSI Z87+ (High Impact) standard

Item #	Frame Color/Lens Tint	Coating
A800	Clear/Clear	Hardcoat
A801	Gray/TSR Gray	Hardcoat
A802	Amber/Amber	Hardcoat
A803	Gray/Blue Mirror	Hardcoat
A804	Gray/I/O Silver Mirror	Hardcoat
A805	Clear/Clear	Fog-Ban Anti-Fog
A806	Gray/TSR Gray	Fog-Ban Anti-Fog

**For tint suggestions by application, see our lens tint chart on page 65.**

For more information or to order products on this page, please call Customer Care at 800 430-5490.

RESPIRATORY PROTECTION

INSTRUMENTATION

HAND & ARM PROTECTION

HEARING PROTECTION

FALL PROTECTION

HARLEY-DAVIDSON®

Safety Eyewear

EYE & FACE PROTECTION

RESPIRATORY PROTECTION

INSTRUMENTATION

HAND & ARM PROTECTION

HEARING PROTECTION

FALL PROTECTION

HARLEY-DAVIDSON®

**A700 Series**

- Sport temples with soft temple tip pads for comfortable fit
- Secure wrap-around design
- Polycarbonate, distortion-free, hardcoat lenses
- Soft temple tip pads for a secure fit
- Available with scratch-resistant hardcoat or optional Fog-Ban® anti-fog coating
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards



A703

Item #	Frame Color/Lens Tint	Coating
A700	Clear/Clear	Hardcoat
A701	Gray/TSR Gray	Hardcoat
A702	Amber/Amber	Hardcoat
A703	Gray/Blue Mirror	Hardcoat
A704	Gray/I/O Silver Mirror	Hardcoat
A705	Clear/Clear	Fog-Ban Anti-Fog

**A400 Series**

- Sporty, one piece wrap-around lens
- Available with scratch-resistant hardcoat or optional Fog-Ban® anti-fog coating
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards



A401

Item #	Frame Color/Lens Tint	Coating
A400	Clear/Clear	Hardcoat
A401	Gray/Gray	Hardcoat
A402	Amber/Amber	Hardcoat
A403	Gray/Silver Mirror	Hardcoat
A404	Clear/I/O Silver	Hardcoat
A400AF	Clear/Clear	Fog-Ban Anti-Fog

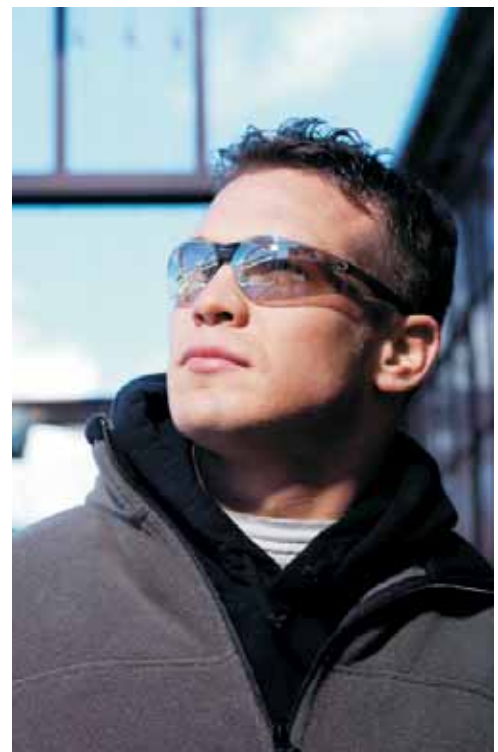
**A200 Series**

- Economical protection and conventional style
- Durable frame with integrated side protection and adjustable temple lengths
- Available with scratch-resistant hardcoat
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in USA

Item #	Frame Color/Lens Tint	Coating
A200	Black/Clear	Hardcoat
A201	Black/Gray	Hardcoat
A210	Blue/Clear	Hardcoat
A220	Red, White & Blue/Clear	Hardcoat



A200



## Safety Eyewear

**NEW!**



W102

### NEW! W100 Series for Women

- Sleek, 8-base unilens
- Adjustable nosepiece
- Metallic and rhinestone accents add feminine styling
- Smaller size to fit women's faces better than traditional safety eyewear
- Available with scratch-resistant hardcoat or optional Fog-Ban® anti-fog coating
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards

Item#	Frame Color/Lens Tint	Coating
W100	Clear Frosted/Clear	Hardcoat
W101	Clear Frosted/Clear	Fog-Ban Anti-Fog
W102	Brown Frosted/Espresso	Hardcoat
W103	Clear Frosted/I/O Silver Mirror	Hardcoat

**NEW!**



W203

### NEW! W200 Series for Women

- Affordable eye protection styled for women
- Feminine dusty rose frame color
- Smaller size to fit women's faces better than traditional safety eyewear
- Available with scratch-resistant hardcoat or optional Fog-Ban® anti-fog coating
- Meets ANSI Z87+ (High Impact) standard

Item#	Frame Color/Lens Tint	Coating
W200	Matte Clear Dusty Rose/Clear	Hardcoat
W201	Matte Clear Dusty Rose/Clear	Fog-Ban Anti-Fog
W202	Matte Clear Dusty Rose/Silver Mirror	Hardcoat
W203	Matte Clear Dusty Rose/TSR Gray	Hardcoat



### NEW! W300 Series for Women

- 7-base polycarbonate unilens construction
- Designed and shaped to fit women
- Available with scratch-resistant hardcoat
- Meets ANSI Z87+ (High Impact) standard

Item#	Frame Color/Lens Tint	Coating
W300	Tortoise Shell/Clear	Hardcoat
W301	Tortoise Shell/Espresso	Hardcoat
W302	Tortoise Shell/Autumn Rose Silver Mirror	Hardcoat

**NEW!**



W300

**For tint suggestions by application, see our lens tint chart on page 65.**

For more information or to order products on this page, please call Customer Care at 800 430-5490.

# Safety Eyewear

EYE & FACE PROTECTION

RESPIRATORY PROTECTION

INSTRUMENTATION

HAND & ARM PROTECTION

HEARING PROTECTION

FALL PROTECTION

HARLEY-DAVIDSON®

## Vapor®

- Contoured fit design in a metallic blue painted frame
- Lightweight sporty styling for all-day wear
- 9-base wrap-around dual lenses and sport temples
- Soft nose bridge for better comfort and fit
- Available with scratch-resistant hardcoat or optional Fog-Ban® anti-fog coating
- Includes adjustable break-away FlexiCord™
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards



11150901

Item #	Frame Color/Lens Tint	Coating
11150900	Metallic Blue/Clear	Hardcoat
11150901	Metallic Blue/TSR Gray	Hardcoat
11150904	Metallic Blue/Silver Mirror	Hardcoat
11150905	Metallic Blue/Clear	Fog-Ban Anti-Fog
11150906	Metallic Blue/TSR Gray	Fog-Ban Anti-Fog

## Vapor® II

- Value-priced version of the Vapor with black frame
- Available with scratch-resistant hardcoat or optional Fog-Ban® anti-fog coating
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards



11150911

Item #	Frame Color/Lens Tint	Coating
11150910	Black/Clear	Hardcoat
11150911	Black/TSR Gray	Hardcoat
11150914	Black/Silver Mirror	Hardcoat
11150915	Black/Clear	Fog-Ban Anti-Fog
11150916	Black/TSR Gray	Fog-Ban Anti-Fog

## Sperian Cruiser™

- Popular sporty wrap-around style with fin-shaped sides
- Soft, non-slip, 2-position nose bridge
- Available with scratch-resistant hardcoat or optional Fog-Ban® anti-fog coating
- Includes adjustable break-away FlexiCord™
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards

Item #	Frame Color/Lens Tint	Coating
11150500	Black/Clear	Hardcoat
11150501	Black/TSR Gray	Hardcoat
11150502	Black/Amber	Hardcoat
11150504	Black/I/O Silver Mirror	Hardcoat
11150505	Black/Blue Mirror	Hardcoat
11150510	Black/Clear	Fog-Ban Anti-Fog
11150511	Black/TSR Gray	Fog-Ban Anti-Fog



11150500

## Sperian® FlexiCord

As a bonus, a free FlexiCord™ neckcord comes standard with select Sperian styles to keep your eyewear close at hand. The adjustable break-away FlexiCord gives you added security and convenience – with no more lost time searching.

## Safety Eyewear

EYE & FACE PROTECTION



11150800

### Fuse®

- Gunmetal-colored metal frame with exceptional coverage
- Aggressive wrap-around lens design
- Dual 9-base lenses of durable polycarbonate for full unobstructed field of vision
- Adjustable saddle nose pads and soft flexible temple tips
- Available with scratch-resistant hardcoat or optional Fog-Ban® anti-fog coating
- Includes adjustable break-away FlexiCord™
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards

Item #	Frame Color/Lens Tint	Coating
11150800	Gunmetal/Clear	Hardcoat
11150801	Gunmetal/TSR Gray	Hardcoat
11150804	Gunmetal/Silver Mirror	Hardcoat
11150805	Gunmetal/Clear	Fog-Ban Anti-Fog
11150806	Gunmetal/TSR Gray	Fog-Ban Anti-Fog



11150326

### Prevail®

- Popular sporty design that encourages compliance
- Durable nylon frame with universal nose bridge
- Available with scratch-resistant hardcoat or optional Fog-Ban® anti-fog coating
- Includes adjustable break-away FlexiCord™
- Meets ANSI Z87+ (High Impact) standard

Item #	Frame Color/Lens Tint	Coating
11150300	Black/Clear	Hardcoat
11150303	Black/TSR Gray	Hardcoat
11150309	Black/Silver Mirror	Hardcoat
11150326	Black//O Silver Mirror	Hardcoat
11150339	Black/Dark TCG	Hardcoat
11150306	Black/Clear	Fog-Ban Anti-Fog
11150336	Black/TSR Gray	Fog-Ban Anti-Fog

### Sperian® FlexiCord

As a bonus, a free FlexiCord™ neckcord comes standard with select Sperian styles to keep your eyewear close at hand. The adjustable break-away FlexiCord gives you added security and convenience – with no more lost time searching.



11150751

### Sperian Millennia Sport™

- Lightweight value frame with superior side and brow protection
- High impact dual 9-base wrap-around unilens
- Comfortable universal nose bridge
- Available with scratch-resistant hardcoat or optional Fog-Ban® anti-fog
- Includes adjustable break-away FlexiCord™
- Meets ANSI Z87+ (High Impact) standard for all SKUs
- Meets CSA Z94.3 standard with black temples only

Item #	Temple Color/Lens Tint	Coating
11150750	Black/Clear	Hardcoat
11150751	Black/TSR Gray	Hardcoat
11150754	Black/Silver Mirror	Hardcoat
11150755	Black/ Clear	Fog-Ban Anti-Fog
11150756	Black/TSR Gray	Fog-Ban Anti-Fog

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# Safety Eyewear

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## Op-tema®

- Frameless wrap-around lens styling for unobstructed vision
- Adjustable temple length and lens angle for personalized fit
- Adjustable soft nose bridge
- Available with scratch-resistant hardcoat or optional Fog-Ban® anti-fog coating
- Includes adjustable break-away FlexiCord™
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in USA



11150410

Item #	Frame Color/Lens Tint	Coating
11150400	Black/Clear	Hardcoat
11150401	Black/TSR Gray	Hardcoat
11150410	Blue/Clear	Hardcoat
11150405	Black/Clear	Fog-Ban Anti-Fog

## NEW! Sperian XV100

- Great fit and low cost
- Meets ANSI Z87+ (High Impact) standard
- This product does NOT meet CSA requirements
- XV100 Series eyewear is a no-frills, bargain-based safety spectacle



XV101

Item #	Frame Color/Lens Tint	Coating
XV100	Frosted/Clear	Hardcoat
XV101	Gray Frosted/Gray	Hardcoat
XV102	Frosted/I/O Mirror	Hardcoat
XV103	Frosted/Clear	Anti-fog

## Sperian Visitorspec™

- Safety eyewear for visitors, wide viewing area with excellent coverage
- Superb optics for clear, distortion-free vision
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in the USA

## Safety Eyewear for Visitors

Wide viewing area with excellent coverage.

Item #	Frame Color/Lens Tint	Coating
11180025W	Black/Clear	Hardcoat



11180025W

## Polysafe®/Polysafe Plus

- Safety eyewear for visitors, with wide viewing area with excellent coverage
- Can be worn over most prescription eyewear (OTG compatible)
- Available with scratch-resistant hardcoat
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in the USA



11180031

Item #	Frame Color/Lens Tint/Description	Coating
<b>Polysafe</b>		
11180031	Clear/Clear, Bulk Pack 72 Pcs.	Uncoated
11180032	Gray/TSR Gray, Bulk Pack 72 Pcs.	Uncoated
11180029	Clear/Clear, Dispenser Pack 100 Pcs.	Uncoated
<b>Polysafe Plus</b>		
11180037	Clear/Clear, Bulk Pack 72 Pcs.	Hardcoat

## Safety Goggles

### Extra Coverage at Competitive Prices

Sperian® goggles provide direct vent and indirect vent protection for splash, dust and impact applications.



11250800



11250830



11250860



A610S

### V-Maxx®

- Sleek wrap-around styling for a 180 degree, clear field of vision
- Direct and indirect ventilation styles available for impact or splash applications
- Adjustable elastic or neoprene headband
- Pivoting headband clips to adjust strap around hard hats or hearing protection
- Peel-off goggle covers available to extend useful life of the lens
- Can be worn over most prescription eyewear (OTG compatible)
- Available in 3.0 and 5.0 welding shades
- Available with scratch-resistant hardcoat or optional Fog-Ban® anti-fog coating
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards

Item #	Description	Lens Tint	Coating
11250800	Direct Vent with Elastic Headband	Clear	Fog-Ban Anti-Fog
11250810	Indirect Vent with Neoprene Headband	Clear	Fog-Ban Anti-Fog
11250830	Indirect Vent with Elastic Headband	IR/PC Shade 3.0	Hardcoat
11250850	Indirect Vent with Elastic Headband	IR/PC Shade 5.0	Hardcoat

### V-Maxx® Peel-off Goggle Covers

- V-Maxx peel-off lens covers extend useful life of the lens
- Protects the lens during paint and spray applications
- 10 covers per pack

Item #	Description
11250860	10 pack of Goggle Covers

### A600

- Economical splash goggle
- Fits over most prescription eyewear
- Available with optional Fog-Ban® anti-fog coating
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards

Item #	Description	Lens Tint	Coating
A610I	Impact Goggle with Transparent Green Body	Clear	Uncoated
A610S	Splash Goggle with Transparent Green Body	Clear	Fog-Ban Anti-Fog

## A Guide to the Properties of Face Shield Replacement Visors

**⚠ WARNING:** Note: Face shields are secondary protectors, and must always be worn in conjunction with protective spectacles or goggles.

		Polycarbonate	Propionate	Acetate
<b>Properties</b>	Impact Resistance	Best	Better	Better
	Weather Resistance	Better	Good	Good
	Scratch Resistance	Good	Better	Better
	Acid Resistance	Good	Better	Good
	Alkaline Resistance	Good	Better	Good
	Solvent Resistance	Good	Better	Good
	Heat Resistance	Best	Better	Good
	Maximum Temperature Use	250-280°F	175-200°F	150-180°F

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# Face Shields\*

## Protecto-Shield® ProLok® Headgear

- Constructed of tough thermoplastic for superior heat protection
- Designed with a chemical splash drip edge to prevent fluids from splashing down inside the visor
- Easy sizing and tension adjustment for individual visor positioning
- Visors easily attach with no snaps, posts or levers
- Available with ratchet headband with tension knob that allows easy sizing and adjustment for individual visor positioning
- Available with pinlock headband that provides adjustments similar to a baseball cap

Item #	Description
11380048	V5N Heat-Resistant Browguard with Ratchet Adjustment and Sweatband
11380049	V15N Heat-Resistant Browguard with Pinlock Adjustment and Sweatband
11340143	V5N Headgear with Clear Propionate Visor (Visor Only: Item # 11390044)
11340145	V5N Headgear with Clear Polycarbonate Visor (Visor Only: Item # 11390047)



## Protecto-Shield® Replacement Visors

- Available in propionate, polycarbonate and acetate for a variety of environments
- Popular industry sizes and thicknesses
- Easy attachment without snaps, posts or levers; reinforced edge to resist cracking
- Universal hole pattern allows the use of Sperian® visors with other popular manufacturers' headgear
- Aluminum bound acetate replacement visors form easily for a contoured, customized fit
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards

Item #	Lens Tint	Size
<b>Molded Propionate Replacement Visors</b>		
11390064*	Clear	8.5" x 15" x .07"
11390044	Clear	8.5" x 15" x .07"
11390045	Medium Green	8.5" x 15" x .07"
11390046	Dark Green	8.5" x 15" x .07"
11390066	Shade 3.0	8.5" x 15" x .07"
11390067	Shade 4.0	8.5" x 15" x .07"
11390068	Shade 5.0	8.5" x 15" x .07"
11390069	Shade 6.0	8.5" x 15" x .07"
<b>Molded Polycarbonate Replacement Visors</b>		
11390065*	Clear	8.5" x 15" x .07"
11390047	Clear	8.5" x 15" x .07"
11390048	Medium Green	8.5" x 15" x .07"
11390049	Dark Green	8.5" x 15" x .07"
<b>Aluminum Bound Acetate Replacement Visors</b>		
11390054*	Clear	6" x 15" x .04"
11390055*	Clear	8.5" x 15" x .04"
11390056*	Medium Green	8.5" x 15" x .04"
11390057*	Clear	9" x 20" x .04"
11390058*	Clear	9" x 20" x .04" – Wide Style

\*Packaged 1/polybag; all others packaged 5/polybag

## The Sperian® brand offers a substantial face shield line.

For construction, industrial, laboratory, manufacturing and more, you'll find that we offer a complete line of face shields with a variety of products to fill your specific need, and will also suit your budget.



## Impact and Splash Protection

Adjustable headgear, a simple visor replacement system and quality optics make Sperian® face shields a must-have in your safety line-up.

**\* ⚠ WARNING!** Face shields are secondary protectors, and must always be worn in conjunction with protective spectacles or goggles.

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Face Shields\*

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### Specialty Replacement Visor – Electric Arc Visor

- Propionate visor fits Sperian Protecto-Shield® headgear (V5N and V15N)
- Reinforced edge to resist cracking
- Universal hole pattern tested with most headgear on the market today
- Lightweight design
- Superior optics and exceptional visual acuity with visual light transmission of 35%
- Carries a 9.3 cal/cm<sup>2</sup> ARC rating (ATPV), exceeding the minimum requirement of 8 cal/cm<sup>2</sup>
- Tested by a kinectrics lab using the ASTM standard test (test results available upon request)
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in the USA



Item #	Lens Tint	Size
11391000	Green	8.5" x 15" x 0.07"

11391000

### Kwik-Klip® Headgear Accessories

- Accessories securely attach to Sperian and most other manufacturers' hard hats using simple spring tension



11380030



11380029

Item #	Description
11380030	V30 Plastic Visor Mounting Strip
11380031	V30P Plastic Visor Mounting Strip
11380032	V31 Aluminum Visor Mounting Strip
11380029	V40 Aluminum Bracket for Alpha and Beta Cap Hard Hat
11380057	Protecto-Shield ProLok Browguard Headgear for Safety Caps/V35N
12990056	Bracket Assembly for Browguard

### Pro System®

- Combines head/eye/face/hearing protection components into one complete package
- Comfortable head, eye, face and hearing protection to meet a variety of needs
- Multi-task system features a lightweight polyethylene hard hat with adjustable nape strap for secure fit
- Features high performance Howard Leight® cap-mounted earmuffs with NRR 25dB
- Includes a low glare steel mesh visor
- Polysafe® protective eyewear is included to provide primary safety eyewear for protection from flying debris
- Ideal for a vast array of applications such as chain sawing, wood chipping and brush removal
- All Pro System components meet or exceed ANSI standards



13910046

Item #	Description
13910046	Complete Pro System
13910048	Replacement Poly Face Screen for Pro System

\***⚠ WARNING!** Face shields are secondary protectors, and must always be worn in conjunction with protective spectacles or goggles.

For more information or to order products on this page, please call Customer Care at 800 430-5490.

# Hard Hats

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## Alpha® Cap with 6-Point Suspension

- 6-point suspension available in two adjustable styles: with an updated easy-to-use Ratchet or PresLock closure
- Replaceable suspensions come with nylon straps and a padded sweatband which is replaceable as well
- Low profile, well-balanced high-density polyethylene shell
- Patented shock-absorbing hangers to absorb shock evenly
- Replaceable, sponge padded sweatband
- Downward-angled nape strap for secure fit
- Universal accessory slots for cap attachments
- Custom imprinting available for the front, back and sides
- Meets or exceeds ANSI Z89.1-2003 standard. Type 1 Impact requirements and Class G and E electrical. Does NOT meet CSA Z94.3
- Made in the USA

Item #	Color	Suspension
12210250	White	Ratchet
12210254	Blue	Ratchet
12210255	Green	Ratchet
12210252	Orange	Ratchet
12210256	Red	Ratchet
12210251	Yellow	Ratchet
12210253	Gray	Ratchet
12210905	Fluorescent Yellow	Ratchet
12210102	White	PresLock
12210098	Blue	PresLock
12210099	Green	PresLock
12210100	Orange	PresLock
12210101	Red	PresLock
12210103	Yellow	PresLock
12210105	Gray	PresLock
12210907	Fluorescent Yellow	PresLock



12210101



White

Blue



Green

Orange



Red

Yellow



Gray

Fluorescent Yellow

## Protection for Your Head

Wherever there is a potential for falling objects, flying objects, or impact of bumps, Spierian hard hats should be there. Adjustable, imprintable and affordable, Spierian has the hard hat to meet your needs.

## Beta® Cap

- Low profile, high-density polyethylene shell
- Replaceable, adjustable, 4-point molded polyethylene PresLock suspension with padded sweatband
- Economical pricing
- Custom imprinting available for the front, back and sides
- Meets or exceeds ANSI Z89.1 – 2003 standard. Type 1 Impact requirements and Class G and E electrical
- Made in the USA

Item#	Color	Suspension
12410001	White	PresLock
12410003	Blue	PresLock
12410006	Green	PresLock
12410005	Orange	PresLock
12410004	Red	PresLock
12410002	Yellow	PresLock



12410005

## Hard Hats & Accessories

EYE & FACE PROTECTION



12510015

### Full Brim Hard Hat

- Low profile, well-balanced high-density polyethylene shell
- Replaceable, 4-point, nylon ratchet suspension
- Patented shock-absorbing hangers to absorb shock evenly
- Replaceable, sponge padded sweatband
- Downward-angled nape strap for secure fit
- Heavy-duty brim construction adds extra protection for sun glare and rain
- Custom imprinting available for the front, back and sides
- Meets or exceeds ANSI Z89.1 – 2003 standard. Type 1 Impact requirements and Class G and E electrical
- Made in the USA

Item #	Color	Suspension
12510011	White	Ratchet
12510013	Blue	Ratchet
12510015	Orange	Ratchet
12510012	Yellow	Ratchet



12110001

### Feather Kap™ Bump Cap

- Molded polyethylene shell and adjustable suspension with ventilated sweatband
- Use for bump and laceration hazards only – does not meet ANSI Z89.1-2003 standard

Item #	Color	Suspension
12110022	White	PresLock
12110025	Yellow	PresLock
12110010	Orange	PresLock
12110001	Blue	PresLock



### Winter Liners & Replacement Parts

Item #	Description
12800002	Gold Fleece with Hook and Loop Chin and Hard Hat Fasteners
12920001	Chin Strap for Alpha and Beta Cap Hard Hats
12910005	Suspension with Sweatband for Feather Kap Bump Cap
12910018	Std Suspension w/Integral Strap and Sweatband for Beta Cap (4-Pt. Plastic)
12910009	Std Suspension w/Integral Strap and Sweatband for Alpha Cap (4-Pt. Nylon)
12990053	Sponge-Padded Vinyl Sweatband for Alpha Cap
12990059	Vinyl Sweatband for Protecto-Shield ProLock Headgear and Ratchet Hard Hat
12910010	Ratchet Suspension w/Sweatband for Alpha Cap (4-Pt. Nylon Web, Dielectric)



12800002



12920001



12990053

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# Reference: Lens Tint Selection

Lens Tint Selections		Clear	Gradient Espresso	HDL Yellow	TSR® Gray	Blue Mirror	I/O Blue Mirror	Silver Mirror	I/O Silver Mirror	Dark TCG	IR/PC™ Shade 3.0	IR/PC™ Shade 5.0
Specifications	VLT (Visual Light Transmission)	92%	40%	88%	22%	12%	45%	12%	45%	18%	14%	2%
	UV Absorption >99.9% (unless otherwise noted)	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%
	Meets the requirements of Z80.3 for Traffic Signal Recognition		•		•	•	•	•	•	•		
Applications	General purpose applications where impact protection is required											
	Outdoor applications where sunlight and glare cause eye strain and fatigue											
	High visibility and good contrast in low light conditions. Blue light protection and increased visual depth perception											
	High performance lens for indoor/outdoor use to reduce artificial and solar glare											
	Outdoor use when there is a risk of electric arc-flash											
	For use when torch brazing and flame cutting to filter optical radiation											

## FULL LINE SKU LISTING

### Eye & Face Protection

#### Safety Eyewear

##### A900 Series

Item #	Frame Color/Lens Tint	Coating
A900	Black/Clear	Hardcoat
A902	Black/TSR Gray	Hardcoat
A904	Black/Silver Mirror	Hardcoat
A901	Black/Clear	Fog-Ban Anti-Fog
A903	Black/TSR Gray	Fog-Ban Anti-Fog
A900CSA	Black/Clear	Hardcoat
A902CSA	Black/TSR Gray	Hardcoat
A904CSA	Black/Silver Mirror	Hardcoat
A901CSA	Black/Clear	Fog-Ban Anti-Fog
A903CSA	Black/TSR Gray	Fog-Ban Anti-Fog

##### A900 Reader/Magnifier Series

Item #	Frame Color/Lens Tint	Magnifier Strength	Coating
A950	Black/Clear	+1.50	Hardcoat
A951	Black/Clear	+2.00	Hardcoat
A952	Black/Clear	+2.50	Hardcoat
A960	Black/TSR Gray	+1.50	Hardcoat
A961	Black/TSR Gray	+2.00	Hardcoat
A962	Black/TSR Gray	+2.50	Hardcoat
A950CSA	Black/Clear	+1.50	Hardcoat
A951CSA	Black/Clear	+2.00	Hardcoat
A952CSA	Black/Clear	+2.50	Hardcoat
A960CSA	Black/TSR Gray	+1.50	Hardcoat
A961CSA	Black/TSR Gray	+2.00	Hardcoat
A962CSA	Black/TSR Gray	+2.50	Hardcoat

##### A800 Series

Item #	Frame Color/Lens Tint	Coating
A800	Clear/Clear	Hardcoat
A801	Gray/TSR Gray	Hardcoat
A802	Amber/Amber	Hardcoat
A803	Gray/Blue Mirror	Hardcoat
A804	Gray/I/O Silver Mirror	Hardcoat
A805	Clear/Clear	Fog-Ban Anti-Fog
A806	Gray/TSR Gray	Fog-Ban Anti-Fog

##### A700 Series

Item #	Frame Color/Lens Tint	Coating
A700	Clear/Clear	Hardcoat
A701	Gray/TSR Gray	Hardcoat
A702	Amber/Amber	Hardcoat
A703	Gray/Blue Mirror	Hardcoat
A704	Gray/I/O Silver Mirror	Hardcoat
A705	Clear/Clear	Fog-Ban Anti-Fog

##### A400 Series

Item #	Frame Color/Lens Tint	Coating
A400	Clear/Clear	Hardcoat
A401	Gray/Gray	Hardcoat
A402	Amber/Amber	Hardcoat
A403	Gray/Silver Mirror	Hardcoat
A404	Clear/I/O Silver	Hardcoat
A400AF	Clear/Clear	Fog-Ban Anti-Fog

## Sperian Eye & Face Protection

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### A200 Series

Item #	Frame Color/Lens Tint	Coating
A200	Black/Clear	Hardcoat
A201	Black/Gray	Hardcoat
A210	Blue/Clear	Hardcoat
A220	Red, White & Blue/Clear	Hardcoat

### W100 Series for Women

Item #	Frame Color/Lens Tint	Coating
W100	Clear Frosted/Clear	Hardcoat
W101	Clear Frosted/Clear	Fog-Ban Anti-Fog
W102	Brown Frosted/Espresso	Hardcoat
W103	Clear Frosted/I/O Silver Mirror	Hardcoat

### W200 Series for Women

Item #	Frame Color/Lens Tint	Coating
W200	Matte Clear Dusty Rose/Clear	Hardcoat
W201	Matte Clear Dusty Rose/Clear	Fog-Ban Anti-Fog
W202	Matte Clear Dusty Rose/Silver Mirror	Hardcoat
W203	Matte Clear Dusty Rose/TSR Gray	Hardcoat

### W300 Series for Women

Item #	Frame Color/Lens Tint	Coating
W300	Tortoise Shell/Clear	Hardcoat
W301	Tortoise Shell/Espresso	Hardcoat
W302	Tortoise Shell/Autumn Rose Silver Mirror	Hardcoat

### Vapor®

Item #	Frame Color/Lens Tint	Coating
11150900	Metallic Blue/Clear	Hardcoat
11150901	Metallic Blue/TSR Gray	Hardcoat
11150904	Metallic Blue/Silver Mirror	Hardcoat
11150905	Metallic Blue/Clear	Fog-Ban Anti-Fog
11150906	Metallic Blue/TSR Gray	Fog-Ban Anti-Fog

### Vapor® II

Item #	Frame Color/Lens Tint	Coating
11150910	Black/Clear	Hardcoat
11150911	Black/TSR Gray	Hardcoat
11150914	Black/Silver Mirror	Hardcoat
11150915	Black/Clear	Fog-Ban Anti-Fog
11150916	Black/TSR Gray	Fog-Ban Anti-Fog

### Sperian Cruiser™

Item #	Frame Color/Lens Tint	Coating
11150500	Black/Clear	Hardcoat
11150501	Black/TSR Gray	Hardcoat
11150502	Black/Amber	Hardcoat
11150505	Black/Blue Mirror	Hardcoat
11150504	Black/I/O Silver Mirror	Hardcoat
11150510	Black/Clear	Fog-Ban Anti-Fog
11150511	Black/TSR Gray	Fog-Ban Anti-Fog

### Fuse®

Item #	Frame Color/Lens Tint	Coating
11150800	Gunmetal/Clear	Hardcoat
11150801	Gunmetal/TSR Gray	Hardcoat
11150804	Gunmetal/Silver Mirror	Hardcoat
11150805	Gunmetal/Clear	Fog-Ban Anti-Fog
11150806	Gunmetal/TSR Gray	Fog-Ban Anti-Fog

### Prevail®

Item #	Frame Color/Lens Tint	Coating
11150300	Black/Clear	Hardcoat
11150303	Black/TSR Gray	Hardcoat
11150309	Black/Silver Mirror	Hardcoat
11150326	Black/I/O Silver Mirror	Hardcoat
11150339	Black/Dark TCG	Hardcoat
11150306	Black/Clear	Fog-Ban Anti-Fog
11150336	Black/TSR Gray	Fog-Ban Anti-Fog

### Sperian Millennia Sport™

Item #	Temple Color/Lens Tint	Coating
11150750	Black/Clear	Hardcoat
11150751	Black/TSR Gray	Hardcoat
11150755	Black/ Clear	Fog-Ban Anti-Fog
11150756	Black/TSR Gray	Fog-Ban Anti-Fog
11150754	Black/Silver Mirror	Hardcoat
11150774US	Orange/Silver Mirror	Hardcoat

### Op-tema®

Item #	Frame Color/Lens Tint	Coating
11150400	Black/Clear	Hardcoat
11150401	Black/TSR Gray	Hardcoat
11150410	Blue/Clear	Hardcoat
11150405	Black/Clear	Fog-Ban Anti-Fog

### Sperian XV100

Item #	Frame Color/Lens Tint	Coating
XV100	Frosted/Clear	Hardcoat
XV101	Gray Frosted/Gray	Hardcoat
XV102	Frosted/I/O Mirror	Hardcoat
XV103	Frosted/Clear	Anti-Fog

### Sperian Visitorspec™

Item #	Frame Color/Lens Tint	Coating
11180025W	Black/Clear	Hardcoat

### Polysafe®/Polysafe Plus

#### Polysafe

Item #	Frame Color/Lens Tint/Description	Coating
11180031	Clear/Clear, Bulk Pack 72 Pcs.	Uncoated
11180032	Gray/TSR Gray, Bulk Pack 72 Pcs.	Uncoated
11180029	Clear/Clear, Dispenser Pack 100 Pcs.	Uncoated

#### Polysafe Plus

Item #	Frame Color/Lens Tint/Description	Coating
11180037	Clear/Clear, Bulk Pack 72 Pcs.	Hardcoat

## Safety Goggles

### V-Maxx®

Item #	Lens Tint	Coating	Description
11250800	Clear	Fog-Ban Anti-Fog	Direct Vent w/Elastic Headband
11250810	Clear	Fog-Ban Anti-Fog	Indirect Vent w/Neoprene Headband
11250830	IR/PC Shade 3.0	Hardcoat	Indirect Vent w/Elastic Headband
11250850	IR/PC Shade 5.0	Hardcoat	Indirect Vent w/Elastic Headband

### V-Maxx® Peel-off Goggle Covers

Item #	Description
11250860	Goggle Covers, 10 Pack

## Sperian Eye & Face Protection

### A600

Item #	Lens Tint	Coating	Description
A610L	Clear	Uncoated	Impact Goggle w/Transparent Green Body
A610S	Clear	Fog-Ban Anti-Fog	Chemical Goggle w/Transparent Green Body

### Face Shields

#### Protecto-Shield® ProLok® Headgear

Item #	Description
11380048	V5N Heat-Resistant Browguard w/Ratchet Adjustment and Sweatband
11380049	V15N Heat-Resistant Browguard w/Pinlock Adjustment and Sweatband
11340143	V5N Headgear w/Clear Propionate Visor (Visor Only: Item # 11390044)
11340145	V5N Headgear w/Clear Polycarbonate Visor (Visor Only: Item # 11390047)

#### Protecto-Shield® Replacement Visors

##### Molded Propionate Replacement Visors

Item #	Lens Tint	Size
11390064*	Clear	8.5" x 15" x .07"
11390044	Clear	8.5" x 15" x .07"
11390045	Medium Green	8.5" x 15" x .07"
11390046	Dark Green	8.5" x 15" x .07"
11390066	Shade 3.0	8.5" x 15" x .07"
11390067	Shade 4.0	8.5" x 15" x .07"
11390068	Shade 5.0	8.5" x 15" x .07"
11390069	Shade 6.0	8.5" x 15" x .07"

##### Molded Polycarbonate Replacement Visors

Item #	Lens Tint	Size
11390065*	Clear	8.5" x 15" x .07"
11390047	Clear	8.5" x 15" x .07"
11390048	Medium Green	8.5" x 15" x .07"
11390049	Dark Green	8.5" x 15" x .07"

##### Aluminum Bound Acetate Replacement Visors

Item #	Lens Tint	Size
11390054*	Clear	6" x 15" x .04"
11390055*	Clear	8.5" x 15" x .04"
11390056*	Medium Green	8.5" x 15" x .04"
11390057*	Clear	9" x 20" x .04"
11390058*	Clear	9" x 20" x .04" – Wide Style

\*Packaged 1/polybag; all others packaged 5/polybag

#### Specialty Replacement Visor – Electric Arc Visor

Item #	Lens Tint	Size
11391000	Green	8.5" x 15" x 0.07"

#### Kwik-Klip® Headgear Accessories

Item #	Description
11380030	V30 Plastic Visor Mounting Strip
11380031	V30P Plastic Visor Mounting Strip
11380032	V31 Aluminum Visor Mounting Strip
11380029	V40 Aluminum Bracket for Alpha and Beta Cap Hard Hat
11380057	Protecto-Shield ProLok Browguard Headgear for Safety Caps/V35N
12990056	Bracket Assembly for Browguard

#### Pro System®

Item #	Description
13910046	Complete Pro System
13910048	Replacement Poly Face Screen for Pro System

### Hard Hats

#### Alpha® Cap with 6-Point Suspension

Item #	Color	Suspension
12210250	White	Ratchet
12210254	Blue	Ratchet
12210255	Green	Ratchet
12210252	Orange	Ratchet
12210256	Red	Ratchet
12210251	Yellow	Ratchet
12210253	Gray	Ratchet
12210905	Fluorescent Yellow	Ratchet
12210102	White	PresLock
12210098	Blue	PresLock
12210099	Green	PresLock
12210100	Orange	PresLock
12210101	Red	PresLock
12210103	Yellow	PresLock
12210105	Gray	PresLock
12210907	Fluorescent Yellow	PresLock

#### Beta® Cap

Item #	Color	Suspension
12410001	White	PresLock
12410003	Blue	PresLock
12410006	Green	PresLock
12410005	Orange	PresLock
12410004	Red	PresLock
12410002	Yellow	PresLock

#### Full Brim Hard Hat

Item #	Color	Suspension
12510011	White	Ratchet
12510013	Blue	Ratchet
12510015	Orange	Ratchet
12510012	Yellow	Ratchet

#### Feather Kap™ Bump Cap

Item #	Color	Suspension
12110022	White	PresLock
12110025	Yellow	PresLock
12110010	Orange	PresLock
12110001	Blue	PresLock

### Hard Hat Accessories

#### Winter Liner & Replacement Parts

Item #	Description
12800002	Gold Fleece Winter Liner w/Hook and Loop Chin and Hard Hat Fasteners
12920001	Chin Strap for Alpha and Beta Cap Hard Hats
12910005	Suspension w/Sweatband for Feather Kap Bump Cap
12910018	Std Suspension w/Integral Strap and Sweatband for Beta Cap (4-Pt. Plastic)
12990053	Sponge-Padded Vinyl Sweatband for Alpha Cap
12990059	Vinyl Sweatband for Protecto-Shield ProLok Headgear and Ratchet Hard Hat
12910009	Std Suspension w/Integral Strap and Sweatband for Alpha, Beta and Full Brim Caps (4-Pt. Nylon)
12910010	Ratchet Suspension w/Sweatband for Alpha, Beta and Full Brim Caps (4-Pt. Nylon Web, Dielectric)
12910011	6-Point Nylon Presslock Suspension w/Sweatband for Alpha and Beta Cap ONLY
12910012	6-Point Nylon Ratchet Suspension w/Sweatband for Alpha and Beta Cap ONLY



SPERIAN Protection Americas, Inc.  
900 Douglas Pike  
Smithfield, RI 02917  
Tel: 800 343-3411  
Fax: 800 322-1330  
[www.sperian.com](http://www.sperian.com)



# SAFETY PRODUCTS CATALOG 2010



**INDUSTRIAL SAFETY GROUP**

**SPERIAN**  
Protection you can trust



## SPERIAN WELDING PROTECTION TABLE OF CONTENTS

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**⚠ WARNING!** Sperian® welding equipment should be used only in conjunction with the manufacturer's instructions. Failure to follow such instructions could result in serious injury including diminution or loss of vision. Welding helmets and safety eyewear reduce the probability of injuries drastically and must be worn during all welding procedures.

# Sperian Welding Protection

## A COMPLETE AND COMPETITIVE PRODUCT SET DESIGNED TO ADDRESS ALL ARC WELDING APPLICATIONS

Sperian Protection delivers a broad selection of the most innovative, high-quality products to the welding market, providing welders with a robust selection to meet all of their welding needs. From our economical Optrel p420 (formerly Nova™) auto-darkening welding helmet, great for entry level welders or occasional users, to our Optrel e680 helmet with a proven track record of success and reliability, we address the most demanding needs of the expert welder. Sperian Welding Protection products absolutely cover all the bases.

**The best just got better! The Optrel e680 is the ultimate welding helmet for style, comfort and versatility. Expansive Variable Shade 5-13 with Grind Mode.**

An incomparable shade range and a host of premium performance features make the Optrel e680 auto-darkening welding helmet the perfect choice for virtually any welding operation. A lightweight design, individual adjustment options and ergonomic fit combine to provide the ultimate in comfort and control. Add to that high quality optics, an expanded field of view, and “Read Red” color recognition technology and you get a “must-have” for the professional welder.

Formerly known as the Satellite™, the Optrel e680 has a 33% larger viewing area and is 15% lighter than its predecessor. The Optrel e680 is one of three new and improved auto-darkening welding helmets that make up the Optrel e600 family:

**Optrel e680** – replaces the Satellite

**Optrel e670** – replaces the Orion

**Optrel e650** – all new, lower-cost premium welding helmet



## Auto-Darkening Welding Helmets

Engineered for the expert welder, the Optrel e680 offers the ultimate in style, comfort and versatility.



### NEW! Optrel e680 (formerly Satellite™)

- Variable shade range (5-9/9-13) and selectable Shade 4 grind mode make this helmet suitable for almost any arc welding or cutting operation
- Patented telescoping head-gear maximizes field of view and offers all-day comfort combined with adjustability for perfect balance
- Adjustable sensitivity controls, delay and variable arc detection sensors provide user with customized control
- Sleek helmet styling combines lightweight comfort and ergonomic fit with superior protection of head and neck
- ADF features advanced "Read Red" color recognition technology for improved clarity and visibility of red LEDs on welding equipment, and provides an effective 2" x 4" (50 x 100 mm) viewing area
- Spherical contouring of the Optrel e680 helmet makes it one of the only welding helmets recommended for overhead welding

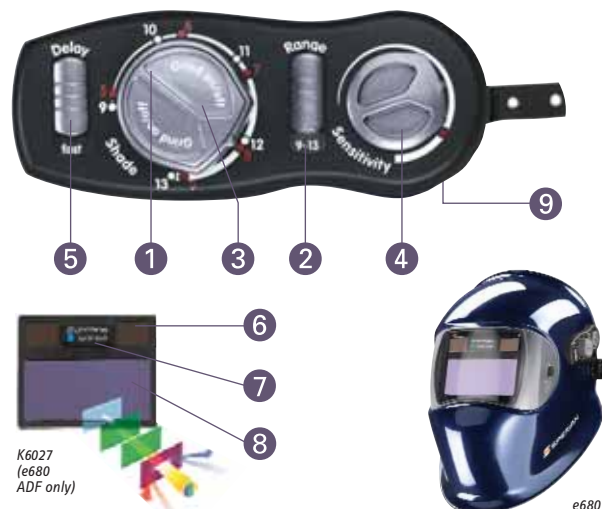
Item #	Description	Color
K6800	Complete Optrel e680 Helmet	Copper
K6801	Complete Optrel e680 Helmet	Dark Blue
K6802	Complete Optrel e680 Helmet	Snow White
K6803	Complete Optrel e680 Helmet	Titan (Gray)
K6804	Complete Optrel e680 Helmet	Medium Blue
K6805	Complete Optrel e680 Helmet	Black

### Take control of your productivity. Remove your helmet only when you want to.

Auto-darkening filter technology, combined with easily accessible external controls, eliminates the need for helmet removal.

- Grinding** Simply press the oversized shade control button and the auto-darkening filter is locked-in to a shade 4. This eliminates filter flickering while grinding or brazing. Both are now possible without helmet removal. Depress control button again to reset ADF.
- Shade Range Selection** This sliding switch can be used to select shade ranges of 5-9 and 9-13. Choose your range and then adjust to the appropriate shade using the shade level control knob.
- Shade Level Control** Adjust this control knob to select the shade within settings of 5-9 or 9-13. Selections can be made according to the welding process making this one of the most versatile helmets on the market.
- Sensitivity Control** Factory set at red dot for most procedures. Adjustable to meet different welding applications including micro plasma, plasma cutting, and low amperage TIG welding, to name a few. Match the sensitivity level to your specific need.
- Delay Switch** By using the sliding switch, the time delay from dark to light can be adapted to your individual requirements.
- Solar Cells** Sperian's proven solar technology ensures a continuous power supply while also eliminating the need for on/off switches and untimely/costly battery changes.

- Adjustable Sensor Bar** Eliminate the effects of ambient light. Simply slide the sensor bar up and the angle of detection will open from 60 degrees to 120, which optimizes performance during low current and over-the-head welding. Keep the sensor bar down and reduce the chances of a nearby arc darkening your lens.
- Eye Protection** Several LCDs and special filters provide permanent Shade 14 protection from dangerous UV and IR radiation, even in the bright state.
- Replaceable Lithium batteries.**



# Auto-Darkening Welding Helmets

## NEW! Optrel e670 (formerly Orion™)

- Engineered for the expert welder, the Optrel e670 offers a unique filter that automatically adjusts shade level based on arc intensity, freeing the welder's hands for welding rather than tuning the shade level (variable 9-13)
- Since everyone's sensitivity to light is different, the user can tweak the shade by  $\pm 1$  shade for a personalized comfort level
- For full, personal control, simply switch Optrel e670 to the manual setting
- Grind mode option lets you lock the ADF in Shade 4 for even more flexibility
- ADF features advanced "Read Red" color recognition technology for improved clarity and visibility of red LEDs on welding equipment, and provides an effective 2" x 4" (50 x 100 mm) viewing area
- Patented telescoping head-gear maximizes field of view and offers all-day comfort combined with adjustability for perfect balance
- Sleek helmet styling combines lightweight comfort and ergonomic fit with superior protection of head and neck
- Spherical contouring of the Optrel e670 helmet makes it one of the only welding helmets approved for overhead welding



K6701

Item #	Description	Color
K6700	Complete Optrel e670 Helmet	Black Unpainted
K6701	Complete Optrel e670 Helmet	Cosmic Green
K6028	Optrel e670 ADF Only	N/A

## NEW! Optrel e650

- Engineered for the expert welder, the Optrel e650 offers the ultimate in style, comfort and versatility
- Variable shade (9-13) range and selectable Shade 4 grind mode make this helmet suitable for almost any arc welding or cutting operation
- Patented telescoping head-gear maximizes field of view and offers all-day comfort combined with adjustability for perfect balance
- Adjustable sensitivity controls, delay and variable arc detection sensors provide user with customized control
- Sleek helmet styling combines lightweight comfort and ergonomic fit with superior protection of head and neck
- Popular traditional green tinted lens provides maximum UV/IR protection with an effective 2" x 4" (50 x 100 mm) viewing area

Item #	Description	Color
K6500	Complete Optrel e650 Helmet	Black Unpainted
K6501	Complete Optrel e650 Helmet	Shiny Ruby
K6029	Optrel e650 ADF Only	N/A



K6501

## Auto-Darkening Welding Helmets

### Style, Versatility, Performance and Value

The Optrel p250 welding helmet marks the beginning of a new generation of welding helmets and welding filters from Sperian.

Protection for the professional welder. The Optrel p250 boasts great styling and a handsome metallic paint finish.



K3502

The Sperian Optrel p350 welding helmet is a truly unique helmet design.

The bold futuristic narrow shape is perfect for those tight spaces and out-of-position applications.

The Optrel p350 offers a one-of-a-kind radius profile with vertically curved cover plate which quickly channels away smoke and spatter.



K703

### Optrel p250™

- Single shade: 10 or Variable shades: 9-13 with patented Light Guide™ sensing technology
- Front loading cover plate and auto-darkening cartridge
- Solar powered with replaceable lithium batteries
- Shade level and sensitivity adjustment knobs on back of filter cartridge
- Patented telescoping headgear
- Built-in magnifying lens holder with available 1.0 to 4.0 magnification
- Two-year warranty on ADF filter



K2502

Item #	Description	Color
K2501	Complete Optrel p250 Helmet (Single Shade: 10)	Metallic Red
K2502	Complete Optrel p250 Helmet (Variable Shade: 9-13)	Metallic Red
K2507	ADF Only (Single Shade)	N/A
K2508	ADF Only (Variable Shade)	N/A

### Optrel p350™

- Variable shades: 9-13 with patented Light Guide sensing technology
- Front loading cover plate and auto-darkening cartridge
- Solar powered with replaceable lithium batteries
- Shade level and sensitivity adjustment knobs on back of filter cartridge
- Patented telescoping headgear
- Built-in magnifying lens holder with available 1.0 to 4.0 magnification
- Two-year warranty on ADF filter

Item #	Description	Color
K3501	Complete Optrel p350 Helmet	Metallic Blue
K3502	Complete Optrel p350 Helmet	Metallic Red With Decal
K2508	ADF Only (Variable Shade)	N/A

### Optrel p420 (formerly Nova™)

- Fixed shade: 10
- Solar powered
- Patented telescoping headgear
- Two-year warranty on ADF filter

Item #	Description	Color
K703	Complete Optrel p420 Helmet	Unpainted Black
K590	Optrel b020 ADF Only (formerly Nova ADF)*	N/A

\*Fits most 2" x 4 1/4" helmet openings

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EYE & FACE PROTECTION  
RESPIRATORY PROTECTION  
INSTRUMENTATION  
HAND & ARM PROTECTION  
HEARING PROTECTION  
FALL PROTECTION  
HARLEY-DAVIDSON®

# Passive Welding Helmets

## Optrel p250™

- Front loading cover plate and welding filter
- Patented telescoping headgear
- Built-in magnifying lens holder with available 1.0 to 4.0 magnification

Item #	Description	Color
K2500	Complete Optrel p250 Helmet	Metallic Black



## Optrel p350™

- Front loading cover plate and welding filter
- Patented telescoping headgear
- Built-in magnifying lens holder with available 1.0 to 4.0 magnification

Item #	Description	Color
K3500	Complete Optrel p350 Helmet	Metallic Black



## Optrel b630 with Flip-Up Filter Lens (formerly Galaxy®)

- Shade 10 passive filter and cover lens included
- 2" x 4 1/4" viewing area
- State-of-the-art headgear design reduces neck strain through balance and distribution of the helmet weight

Item #	Description	Color
K701	Complete Optrel b630 Helmet with Flip-Up Filter Lens	Unpainted Black



## Optrel b630 with Wide View Filter Lens (formerly Galaxy®)

- Shade 10 passive filter and cover lens included
- 4" x 5 1/4" viewing area
- State-of-the-art headgear design reduces neck strain through balance and distribution of the helmet weight

Item #	Description	Color
K702	Complete Optrel b630 Helmet with Wide View Filter Lens	Unpainted Black



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## Respiratory Welding Helmets

EYE & FACE PROTECTION



P580000

### Spierian® OS100 Powered Air Purifying Respirator (PAPR)

- Provides complete protection against dust, UV/IR radiation, flying particles and metal fumes emitted during the welding process
- Meets National Institute for Occupational Safety and Health (NIOSH) requirements
- Available as a complete system with the following helmet options: Optrel Satellite™, Optrel Orion™, or Optrel MiraPlus™
- Utilizes the High Efficiency (HE) Particulate Filter System
- Powerful blower system exceeds the 170 LPM requirement set by NIOSH
- Audible and visible alarms serve to warn the user of a missing or clogged filter and low battery condition
- Air hose is enclosed in a flame-retardant cover that protects it from burn-through and snagging on surrounding structures
- Powered by lightweight and high capacity Lithium-Ion battery
- 1 year warranty on the motorized blower (excluding wear and consumable parts)
- 2 year warranty on ADF

Item #	Description
P560000	OS100 US Optrel MiraPlus PAPR System Complete
P570000	OS100 US Optrel Orion PAPR System Complete
P580000	OS100 US Optrel Satellite PAPR System Complete

RESPIRATORY PROTECTION

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# Welding Parts & Accessories

SKU	Description	Optrel e680 ADF	Optrel e670 ADF	Optrel e650 ADF	Optrel p250 ADF	Optrel p350 ADF	Optrel p420 ADF	Optrel p250 Passive	Optrel p350 Passive	Optrel b630 K701 Passive	Optrel b630 K702 Passive
K1360	Inside Cover Lens (Set of 5)						•			•	•
K1361	Front Cover Lens (Set of 5)						•			•	•
K1363	Flip-Up Adapter Cover Lens (Set of 5, 2.75" x 4.25")									•	
K1370	Wide-View Cover Lens (Set of 5)										•
K1400	Filter Plate, Shade 10, 2" x 4.25" (Set of 2)									•	
K1410	Filter Plate, Shade 10, 4.5" x 5.25" (Set of 2)										•
K2507	Auto-Darkening Welding Filter, Single Shade, Light 3/Dark 10				•						
K2508	Auto-Darkening Welding Filter, Variable Shade, Light 3/Dark 9-13				•	•					
K25102A	Outside Cover Plates, Optrel p250				•			•			
K25112A	Inside Cover Plates				•	•					
K25122A	Intermediate Cover Plates (passive and ADF) / Inside Cover Plates (passive)				•	•		•	•		
K2513A	Headgear Complete w/Sweatband				•	•		•			
K2514A	Welding Filter, Passive, Shade 10							•	•		
K2516	Shell, Optrel p250 Metallic Black w/Headgear							•			
K2517	Shell, Optrel p250 Metallic Red w/Headgear				•			•			
K25182A	Sweatband				•	•		•			
K2519K	Lens Retainer Kit, Optrel p250				•			•			
K35102A	Outside Cover Plates, Optrel p350 (2 pc)					•			•		
K3511	Shell, Optrel p350 Metallic Black w/Headgear								•		
K3512	Shell, Optrel p350 Metallic Blue w/Headgear					•					
K3513	Shell, Optrel p350 Metallic Red w/Decal, w/Headgear					•					
K3514K	Lens Retainer Kit, Optrel p350					•			•		
K6024	Inside Cover Lens (Set of 5)	•	•	•							
K6041	Magnifying Lens, +1.00	•	•	•							
K6042	Magnifying Lens, +1.50	•	•	•							
K6043	Magnifying Lens, +2.00	•	•	•							
K6044	Magnifying Lens, +2.50	•	•	•							
K5821	Headgear	•	•	•			•			•	•
K5822	Sweatband (Set of 2)	•	•	•			•			•	•
K5825A	Magnifying Lens, +1.00				•	•		•	•		
K5826A	Magnifying Lens, +1.50				•	•		•	•		
K5827A	Magnifying Lens, +2.00				•	•		•	•		
K5828A	Magnifying Lens, +2.50				•	•		•	•		
K5829A	Magnifying Lens, +3.00				•	•		•	•		
K5834A	Magnifying Lens, +3.50				•	•		•	•		
K5835A	Magnifying Lens, +4.00				•	•		•	•		
K5910	Front Cover Lens (Set of 2)	•	•	•							
K5911	Front Cover Lens (Set of 5)	•	•	•							
K6025	1 Potentiometer Knob, 1 Back Cover, 1 Sensitivity Knob	•	•	•							
K6026	2 Cover Lens Latch Set	•	•	•							
K5930	Hard Hat Adapter – Universal Band Style	•	•	•	•	•	•	•	•	•	•
K5935	Hard Hat Adapter – for Slotted-Style Hard Hats	•	•	•	•	•	•	•	•	•	•
K5931	Leather Chest Protector	•	•	•	•	•	•	•	•	•	•
K5932	Leather Head and Neck Protector	•	•	•	•	•	•	•	•	•	•

EYE & FACE PROTECTION

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# Reference: Welding Protection

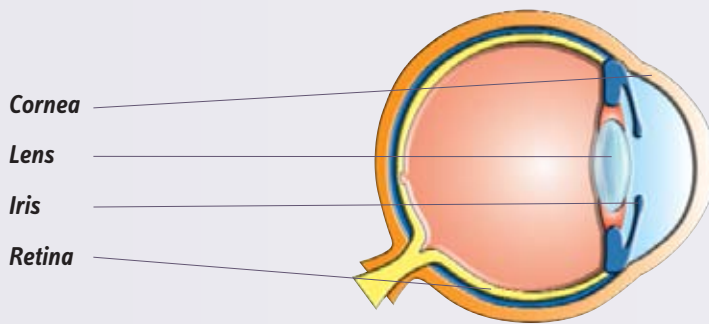
## The Eyes Are Particularly Vulnerable

The eye is a particularly sensitive organ that can suffer untreatable damage from welding accidents. It is essential that special attention be given to eye protection. Risks include:

- Mechanical injury caused by impact or particles
- Radiation injury from infrared, ultraviolet or laser radiation
- Electrical injury caused by electrical arc or short circuit
- Thermal injury from contact with hot liquid, molten metal or flames

### DIAGRAM OF THE HUMAN EYE

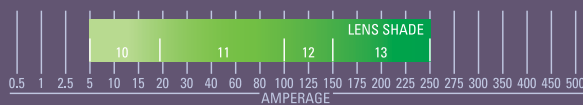
The cornea, lens, iris and retina of the eye are all subject to permanent damage during all welding procedures.



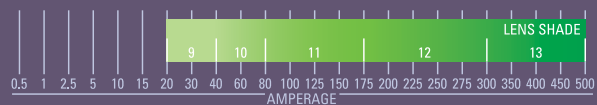
Welding helmets and safety eyewear drastically reduce the probability of any of these injuries and must be worn during all welding procedures.

## Welding Lens Shade Recommendations

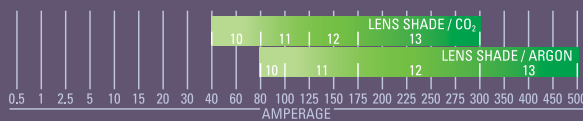
### TIG-WELDING



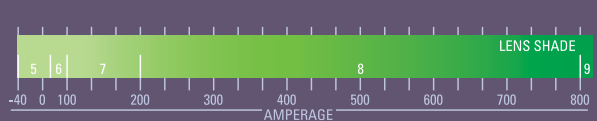
### STICK/ARC WELDING



### M.I.G./M.A.G. WELDING



### GAS WELDING



## Sperian Welding Protection

### Auto-Darkening Welding Helmets

#### Optrel e680 (formerly Satellite™)

Item #	Description	Color
K6800	Complete Optrel e680 Helmet	Copper
K6801	Complete Optrel e680 Helmet	Dark Blue
K6802	Complete Optrel e680 Helmet	Snow White
K6803	Complete Optrel e680 Helmet	Titan (Gray)
K6804	Complete Optrel e680 Helmet	Medium Blue
K6805	Complete Optrel e680 Helmet	Black
K6027	Optrel 680 ADF Only	N/A

#### Optrel e670 (formerly Orion™)

Item #	Description	Color
K6700	Complete Optrel e670 Helmet	Black Unpainted
K6701	Complete Optrel e670 Helmet	Cosmic Green
K6028	Optrel e670 ADF Only	N/A

#### Optrel e650

Item #	Description	Color
K6500	Complete Optrel e650 Helmet	Black Unpainted
K6501	Complete Optrel e650 Helmet	Shiny Ruby
K6029	Optrel e650 ADF Only	N/A

#### Optrel p250™

Item #	Description	Color
K2501	Complete Optrel p250 Helmet (Single Shade: 10)	Metallic Red
K2502	Complete Optrel p250 Helmet (Variable Shade: 9-13)	Metallic Red
K2507	ADF Only (Single Shade)	N/A
K2508	ADF Only (Variable Shade)	N/A

#### Optrel p350™

Item #	Description	Color
K3501	Complete Optrel p350 Helmet	Metallic Blue
K3502	Complete Optrel p350 Helmet	Metallic Red w/Decal
K2508	ADF Only (Variable Shade)	N/A

#### Optrel p420 (formerly Nova™)

Item #	Description	Color
K703	Complete Optrel p420 Helmet	Unpainted Black
K590	Optrel b020 ADF Only (formerly Nova ADF)*	N/A

\*Fits most 2" x 4 1/4" helmet openings

### Passive Welding Helmets

#### Optrel p250™

Item #	Description	Color
K2500	Complete Optrel p250 Helmet	Metallic Black

#### Optrel p350™

Item #	Description	Color
K3500	Complete Optrel p350 Helmet	Metallic Black

#### Optrel b630 with Flip-Up Filter Lens (formerly Galaxy®)

Item #	Description	Color
K701	Complete Optrel b630 Helmet w/Flip-Up Filter Lens	Unpainted Black

#### Optrel b630 with Wide View Filter Lens (formerly Galaxy®)

Item #	Description	Color
K702	Complete Optrel b630 Helmet w/Wide View Filter Lens	Unpainted Black

### Respiratory Welding Helmet

#### Sperian® OS100 Powered Air Purifying Respirator (PAPR)

Item #	Description
P560000	OS100 US Optrel MiraPlus PAPR System Complete
P570000	OS100 US Optrel Orion PAPR System Complete
P580000	OS100 US Optrel Satellite PAPR System Complete





SPERIAN Protection Americas, Inc.  
900 Douglas Pike  
Smithfield, RI 02917  
Tel: 800 343-3411  
Fax: 800 322-1330  
[www.sperian.com](http://www.sperian.com)

# SAFETY PRODUCTS CATALOG 2010



**INDUSTRIAL SAFETY GROUP**

**SPERIAN**  
Protection you can trust



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**⚠ WARNING!** Spierian® equipment should only be used in conjunction with the manufacturer's instructions. Failure to follow such instructions could result in serious injury including diminution or loss of vision.

# Sperian Emergency Eyewash

## WORLD LEADER IN EMERGENCY EYE CARE

Since 1950, Sperian Protection and its predecessors have manufactured and distributed leading safety and health products worldwide. Sperian is the well-respected market leader in portable eyewash stations and is recognized for its wide range of emergency eyewash products including the **first** 100% sterile sealed-fluid cartridge and 100% sterile delivery station, the **first** self-contained gravity-fed station and the **first** heated self-contained gravity-fed station.

### When Seconds Count, Portable Matters

The need for immediate flushing requires the installation of emergency eyewash devices in accessible locations that require no more than 10 SECONDS to reach. For a strong acid or strong caustic, the eyewash should be immediately adjacent to the hazard. Sperian® self-contained, portable eyewash stations require no plumbing for easy and affordable placement near any workplace hazard, and deliver a sterile or buffered saline solution superior to tap water for emergency eye care. Ordinary tap water, used in plumbed or some tank-type eyewash devices, may contain harmful bacteria or contaminants that can cause additional eye damage. A sterile or buffered saline solution is the most effective flushing fluid for emergency first aid.

### Fendall 2000™

Introducing the Fendall 2000 100% Sterile Emergency Eyewash System – the kind of innovation you expect from Sperian. We’ve listened to our end-users and have built an eyewash station with all of the features and benefits that you would expect in a state-of-the-art, portable emergency eyewash station from Sperian. Our ingenious design delivers a steady soft ribbon of 100% sterile saline from a 100% sterile delivery system, minimizing the risk of further injury. We’ve added comfort features, ergonomic design, and an alarm system that together ensure compliance with the full 15-minute ANSI flushing requirement.



## Primary Emergency Eyewash Devices

### 15-Minute Flush Time

- Meets ANSI standard
- 24-month maintenance\*



### Sterile Sealed Fluid Cartridge

#### Fendall 2000™

- Delivers 100% sterile saline from a 100% sterile delivery system
- 24-month cartridge life,\* saves time and money on replacements and inspections
- Built-in alarm system that sounds when the unit has been activated and again when the injured individual has completed the required 15-minute flush
- Deactivation button that allows for fast and easy maintenance without false activation
- Arm/headrest provides user comfort, enabling better compliance
- Integrated waste containment to prevent spills and is easily emptied
- Sleek assembly that fits nearly anywhere
- Self-contained, with no plumbing required, makes this highly portable
- Easy-view side windows to check sterile solution expiration date and key contact information
- Comes complete with emergency eyewash station sign, mounting bracket, installation DVD, tamper seal, and 1-year warranty. *Sterile saline solution cartridge sold separately*
- Meets ANSI Z358.1-2009 15-minute flush requirement for primary eyewash stations

Item #	Description
32-002000-0000	Sterile Eyewash Station (English)
32-ST2050-0000	Sterile Saline Refill Cartridge For Fendall 2000

\*Shelf life determined by date of manufacture. Always check product expiration date

### One Chance. One Choice. Sterile.

With the Fendall 2000, injured workers are treated with 100% sterile, buffered and physiologically balanced saline solution.

- 0% Bacteria
- 0% Molds
- 0% Fungus
- 0% Pollutants

= 100% Sterile Eyewash

With the innovative Fendall 2000, the user benefits.



Easy-to-install single cartridge features 100% sterile saline



Alarm sounds upon both activation of the unit and completion of 15-minute flush



Maintenance button quickly deactivates unit for inspection



Reservoir collects waste solution for safety and for easy disposal



Full visibility is provided through side window to quickly check expiration date

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# Primary Emergency Eyewash Devices

## Sealed Fluid Cartridge with Sterile Option

### Fendall Pure Flow 1000®

- Easy installation. No plumbing required. Can be easily and affordably placed near most workplace hazards with single bracket mounting device or transported with optional universal cart or stand
- Factory-sealed fluid cartridges eliminate mixing, measuring, and the opportunity for airborne particles or microorganisms to contaminate the fluid prior to use
- Easy to activate sure-grip handle provides instant, simple activation. When not in use, cover keeps dirt and other debris from collecting in the basin and nozzle area
- Unique nozzle design delivers a soft “ribbon” of our buffered saline solution
- Permits thorough flushing with a constant flow rate and stream height that provides 0.4 gpm for entire 15-minute cycle required by ANSI Z358.1-2009
- Captures waste fluid to eliminate spill hazards and simplify fluid disposal
- Integral valve at bottom of unit allows easy draining of reservoir after use
- 24-month cartridge life,\* at least four times longer than other primary self-contained eyewash devices, saves time and money on replacements and inspections. *Cartridges sold separately*
- Cartridges remain sealed until activated. Expiration date is included on activation straps – and cartridge replacement takes less than five minutes

## 15-Minute Flush Time

- Meets ANSI standard
- 24-month maintenance\*



Item #	Description
32-001000-0000	Eyewash Station (English)
32-001000-0022	Eyewash Station (French Canadian)
32-001000-0070	Eyewash Station (Mexican Spanish)
32-001050-0000	Saline Refill Cartridges for Fendall Pure Flow 1000 (Trilingual)
32-ST1050-0000	Sterile Saline Refill Cartridges for Fendall Pure Flow 1000 (Trilingual)
32-001053-0000	Sperian High Humidity Brace for Fendall Pure Flow 1000 (Trilingual)

\*Shelf life determined by date of manufacture. Always check product expiration date



32-001050-0000

### Factory Sealed Fluid Cartridges – No Mixing or Measuring

Fendall Pure Flow 1000’s sealed cartridge design eliminates mixing, measuring, and the opportunity for airborne particles or microorganisms to contaminate the fluid prior to use. Factory-sealed cartridges feature an integral nozzle and hose design to ensure delivery of purified, contaminant-free, and physiologically correct saline solution.



32-001053-0000

### Sperian® High Humidity Brace

This adapter helps prevent Fendall Pure Flow 1000® saline cartridges from bowing or deteriorating because of uncontrolled humid environmental conditions. It allows the Fendall Pure Flow 1000 unit and its cardboard saline cartridges to withstand high humidity environments that cannot be easily regulated. *(Cartridges sold separately.)*

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## Primary Emergency Eyewash Devices

### 15-Minute Flush Time

- Meets ANSI Standard
- 3-6 month maintenance cycle

### Refillable

#### Fendall Porta Stream® II + III

- Easy installation with no plumbing required. Can be easily and affordably placed near most workplace hazards with single bracket mounting device or transported with optional universal cart or universal stand. Molded handle accepts hanging bracket for vertical or horizontal surface installation
- Versatile flushing fluid options include Sperian® Saline – a buffered, saline solution superior to tap water for emergency eye care, and Sperian® Water Additive
- Large 16 gallon (60.5L) capacity permits thorough flushing by providing 0.4 gpm over the entire 15-minute flushing period required by ANSI Z358.1-2009
- Nozzles cover a wide area around the eyes
- Simple strap design is easily removed for hands-free flushing, leaving hands free to hold eyelids open
- Properly installed, the system may be safely leaned upon during use
- Large fill hole/lockable fill cap to simplify refilling and cleaning. Reduces risk of possible tampering
- Easy-to-use design features simple, highly visible operating instructions on the unit itself
- Saline Concentrate requires 6-month maintenance cycle. Water Additive requires a 4-month maintenance cycle



32-000200-0000

#### Fendall Porta Stream® III

In addition to the Fendall Porta Stream® II features, the Fendall Porta Stream III is freeze-protected by a special form fitted insulated cover and twin, 600 watt, 110 volt thermostatically controlled heaters for indoor and outdoor use. The fluid-heating system makes it ideal for use between 72°F and -32°F (22°C to -36°C).



32-000310-0000

Item #	Description
32-000200-0000	Eyewash Station (English) with Saline Concentrate
32-000200-0020	Eyewash Station (English) with Saline Concentrate (English/French Canadian)
32-000200-0022	Eyewash Station (French Canadian) with Saline Concentrate
32-000200-0070	Eyewash Station (Mexican Spanish) with Saline Concentrate
32-000230-0000	Eyewash Station (English) with Water Additive
32-000230-0020	Eyewash Station (English) with Water Additive (English/French Canadian)
32-000230-0022	Eyewash Station (French Canadian) with Water Additive
32-000230-0070	Eyewash Station (Mexican Spanish) with Water Additive
32-000310-0000	Eyewash Station (Freeze Protected) with Saline Concentrate

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# Secondary Emergency Eyewash Devices

## Refillable

### Fendall Porta Stream® I

- Delivers 6 minutes of uninterrupted, hands-free flushing – without costly plumbing
- Easy installation with no plumbing required. Can be easily and affordably placed near most workplace hazards with single bracket mounting device or transported with optional universal cart or universal stand. Molded handle accepts hanging bracket for vertical or horizontal surface installation
- Supplied with either 70 oz. (2.07L) of Saline Concentrate which, when mixed with tap water, provides 6 gallons (22.7L) of buffered, saline solution superior to tap water for emergency eye care, or 8 oz. of Water Additive, enough for 14-16 gallons of water
- Nozzle strap is easily removed for hands-free flushing, leaving hands free to hold eyelids open
- Low maintenance with one-piece, molded construction and no moving parts
- Large fill hole simplifies refilling and cleaning
- Easy-to-use design features simple, highly visible operating instructions on the unit itself
- Saline Concentrate requires 6-month maintenance cycle. Water Additive requires a 4-month maintenance cycle
- Does not meet ANSI Z358.1-2009 15-minute flushing requirement

Item #	Description
32-000100-0000	Eyewash Station (English) with Saline Concentrate
32-000100-0020	Eyewash Station (English/French Canadian) with Saline Concentrate
32-000100-0022	Eyewash Station (French) with Saline Concentrate
32-000100-0070	Eyewash Station (Spanish) with Saline Concentrate
32-000130-0000	Eyewash Station (English) with Water Additive
32-000130-0020	Eyewash Station (English/French Canadian) with Water Additive
32-000130-0022	Eyewash Station (French Canadian) with Water Additive
32-000130-0070	Eyewash Station (Spanish) with Water Additive

### Fendall Flash Flood®

- Easy installation with no plumbing required. Can be easily wall-mounted for placement near most workplace hazards
- One-gallon sealed cartridges are easy to store and offer quick changes without mixing or measuring
- Dual nozzles provide simultaneous flushing to both eyes for three minutes
- Unique cartridge design delivers Sperian® Saline – a buffered, pH-balanced saline solution that is superior to tap water for emergency eye care
- Highly portable system may be easily wall or table mounted
- Nozzle strap is easily removed for hands-free flushing, leaving hands free to hold eyelids open
- Easy-to-use design features simple, highly visible operating instructions
- Sperian Saline cartridges, once installed, require a 6-month maintenance cycle. Unopened cartridges have a shelf life of up to 24 months\*
- Does not meet ANSI Z358.1-2009 15-minute flushing requirement

Item #	Description
32-000400-0000	Eyewash Station (English)
32-000400-0022	Eyewash Station (French Canadian)
32-000402-0000	Wire Storage Rack for Fendall Flash Flood
32-000401-0000	Saline Refill Cartridges (English) for Fendall Flash Flood
32-000401-0022	Saline Refill Cartridges (French Canadian) for Fendall Flash Flood

\*Shelf life determined by date of manufacture. Always check product expiration date

## 6-Minute Flush Time

- Great for dust or particles
- 3-6 month maintenance cycle



## Secondary Eyewash Devices

- Do not meet the ANSI Z358.1-2009 Standard for 15-minute flushing requirements.
- Intended to support, not replace, primary plumbed or self-contained units.

Fendall Porta Stream I and Fendall Flash Flood units are suitable for nuisance situations such as dust or particle flushing where a 15-minute flushing device is not a requirement.



## 3-Minute Flush Time per Cartridge

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## Personal Eyewash Bottles

### Sperian® Saline Personal Eyewash Products

**Personal Eyewash Products contain a buffered, saline solution that is sterile. Personal eyewash devices are intended to supplement, not replace, primary eyewash units.**

Personal products may also be used for continued irrigation when moving an injured person from a primary eyewash unit to medical care. 36-month shelf life from date of manufacturing.\*



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### Sperian® Saline Personal Travel Bag

- Rugged, durable bag securely holds six 1 oz. and six 4 oz. bottles of Sperian saline sterile eyewash
- One-piece case construction with pockets to hold bottles, and a separate insert for important documents or additional first aid necessities
- Adjustable strap allows bag to fit around the back of a car, truck or sport utility vehicle seat for easy transport and convenience
- Bag is made of vinyl material allowing it to remain clean and visible
- Sperian saline bottles proudly made in the USA



Item #	Description
32-000440-0000	Sperian Personal Travel Bag (English) 13" x 9" x 4", Qty 1, 4 lbs.
32-000440-0020	Sperian Personal Travel Bag (French Canadian) 13" x 9" x 4", Qty 1, 4 lbs.

### Sperian® Saline Eyewash Bottles

- Bottles contain a buffered, saline solution that is sterile and superior to tap water for emergency eye care
- Blow-fill-seal bottles are tamper resistant, yet easily removed in an emergency
- Extended-flow nozzles (16 and 32 oz. containers) provide longer flow than conventional 16 and 32 oz. containers
- User-controlled volume delivery (1, 4, 8 oz. products). Delivers drops or an irrigating stream of solution, depending on the squeeze pressure applied to the bottle
- Ensured quality and lasting value with FDA-grade polyethylene bottles featuring lot numbers and expiration dates
- Does not meet ANSI Z358.1-2009 15-minute flushing requirement

Item #	Description
32-000455-0000	Sperian 32 oz. Bottles (English/Spanish) with Extended Flow Nozzles
32-000455-0020	Sperian 32 oz. Bottles (English/French Canadian) with Extended Flow Nozzles
32-000454-0000	Sperian 16 oz. Bottles (English/Spanish) with Extended Flow Nozzles
32-000454-0020	Sperian 16 oz. Bottles (English/French Canadian) with Extended Flow Nozzles
32-000445-0000	Sperian 8 oz. Bottles (English/Spanish) w/User-Controlled Delivery – Drops or Stream
32-000445-0020	Sperian 8 oz. Bottles (English/French Canadian) w/User-Controlled Delivery – Drops or Stream
32-000452-0000	Sperian 4 oz. Bottles (English/Spanish) w/User-Controlled Delivery – Drops or Stream
32-000452-0020	Sperian 4 oz. Bottles (English/French Canadian) w/User-Controlled Delivery – Drops or Stream
32-000451-0000	Sperian 1 oz. Bottles (English/Spanish) w/User-Controlled Delivery – Drops or Stream
32-000451-0020	Sperian 1 oz. Bottles (English/French Canadian) w/User-Controlled Delivery – Drops or Stream

\*Shelf life determined by date of manufacture. Always check product expiration date

# Personal Eyewash Wall Stations

## Sperian® Saline Wall Stations

- Sealed, sterile, bottles contain Sperian Saline – a buffered, saline solution superior to tap water for emergency eye care
- Blow-fill-seal bottles are tamper resistant, yet easily removed in an emergency
- Extended flow opening provides longer flow rate than conventional bottles
- Durable, open face design holds bottles firmly in place with easy access to bottles in an emergency
- Mounts to wall with provided screws
- Integral overhang protects bottles from dust and debris to minimize maintenance requirements
- Durable plastic is easy to clean
- Simple, highly visible operating instructions are provided on each unit. 16 and 32 oz. bottles feature English/Spanish bi-lingual instructions
- Ensured quality and lasting value with FDA-grade polyethylene bottles featuring lot numbers and expiration dates
- Does not meet ANSI Z358.1-2009 15-minute flushing requirement



32-000471-0000



## Keep Bottles Near Your Workers

Durable Wall Stations provide immediate flushing until the injured person can be helped to a primary emergency eyewash device. They offer high visibility in a hazardous area and are readily available for emergency flushing and decontamination of the eyes, face and body.

Item #	Description
32-000460-0000	Sperian 16 oz. Single Eyewash Wall Station
32-000460-0020	Sperian 16 oz. Single Eyewash Wall Station (English/French Canadian)
32-000461-0000	Sperian 32 oz. Single Eyewash Wall Station
32-000461-0020	Sperian 32 oz. Single Eyewash Wall Station (English/French Canadian)
32-000462-0000	Sperian 32 oz. Double Eyewash Wall Station
32-000462-0020	Sperian 32 oz. Double Eyewash Wall Station (English/French Canadian)
32-000471-0000	Sperian 32 oz. Double Body Flush Wall Station (English/Spanish)
32-000471-0020	Sperian 32 oz. Double Body Flush Wall Station (English/French Canadian)

\*Shelf life determined by date of manufacture. Always check product expiration date



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## Emergency Eyewash Refills

EYE & FACE PROTECTION

### Why is a sterile eyewash solution better?

- Sterile solution offers unmatched safety.
- When compared to tap water, sterile solution offers the best protection from contaminants and bacteria that could lead to secondary trauma to an injured eye.
- Sterile solution reduces the risk of potential liability if eye injury from flushing with contaminated water occurs.



### Fendall 2000™ Sterile Saline Cartridge

- Up to 24 month\* cartridge life
- 6.87 gallons (26L) total
- Sterile, buffered, pH balanced, saline solution
- Cartridge change takes less than 5 minutes



Item #	Description
32-ST2050-0000	Sterile Saline Refill Cartridge for Fendall 2000 (Trilingual)

\*Shelf life determined by date of manufacture. Always check product expiration date

### Fendall Pure Flow 1000® Sterile Saline Cartridges

- Up to 24 month\* cartridge life
- 3.5 gallon (13.2L) each, 7 gallon (26.4L) total
- Sterile, buffered, pH balanced, saline solution
- Cartridge change takes less than 5 minutes



Item #	Description
32-ST1050-0000	Sterile Saline Refill Cartridges for Fendall Pure Flow 1000 (Trilingual)

\*Shelf life determined by date of manufacture. Always check product expiration date

### Fendall Pure Flow 1000® Saline Cartridges

- Up to 24 month\* cartridge life
- 3.5 gallon (13.2L) each, 7 gallon (26.4L) total
- Preserved, buffered, pH balanced, saline solution
- Cartridge change takes less than 5 minutes

Item #	Description
32-001050-0000	Saline Refill Cartridges for Fendall Pure Flow 1000 (Trilingual)

\*Shelf life determined by date of manufacture. Always check product expiration date

### Sperian® High Humidity Brace for Fendall Pure Flow 1000® Cartridges

- Designed for units located in high heat or humidity moisture levels of 80% and higher

Item #	Description
32-001053-0000	Sperian High Humidity Brace for Fendall Pure Flow 1000 (Trilingual)

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RESPIRATORY PROTECTION

INSTRUMENTATION

HAND & ARM PROTECTION

HEARING PROTECTION

FALL PROTECTION

HARLEY-DAVIDSON®

# Emergency Eyewash Refills

## Fendall Flash Flood® Cartridge

- Up to 24 month\* unopened cartridge shelf life (6 months activated)
- Preserved, buffered, pH balanced, saline solution
- Cartridge change takes less than 1 minute

Item #	Description
32-000401-0000	Saline Refill Cartridges for Fendall Flash Flood
32-000401-0020	Saline Refill Cartridges (French Canadian) for Fendall Flash Flood

\*Shelf life determined by date of manufacture. Always check product expiration date



## Sperian® Saline Solution

- Use directly from container (1 gal, 3.8L) to refill the eyewash device. No mixing or measuring required
- Preserved, buffered, pH balanced, saline solution

Item #	Description
32-000502-0000	Sperian Saline Solution, (Premixed) for Use with Fendall Porta Stream I, II, III
32-000502-0020	Sperian Saline Solution (Premixed, English/French Canadian), for Use with Fendall Porta Stream I, II, III

\*Shelf life determined by date of manufacture. Always check product expiration date



## Sperian® Saline Concentrate

- Mix with clean, potable water (10:1 ratio)
- Creates a preserved, buffered, saline solution

Item #	Description
32-000513-0000	Sperian Saline Concentrate for Use with Fendall Porta Stream II, III
32-000513-0020	Sperian Saline Concentrate (English/French Canadian) for Use with Fendall Porta Stream II, III
32-000509-0000	Sperian Saline Concentrate for Use with Fendall Porta Stream I
32-000509-0020	Sperian Saline Concentrate (English/French Canadian) for Use with Fendall Porta Stream I

\*Shelf life determined by date of manufacture. Always check product expiration date



## Sperian® Water Additive

- Mix with clean potable water
- One bottle (8 oz.) suitable for 14-16 gallons
- 30-month\* shelf life (unopened)
- Sold in cases of four with tamper-evident seals

Item #	Description
32-001100-0000	Sperian Water Additive for Use with All Portable Devices
32-001100-0020	Sperian Water Additive (English/French Canadian) for Use with All Portable Devices

\*Shelf life determined by date of manufacture. Always check product expiration date



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## Emergency Eyewash Accessories

EYE & FACE PROTECTION

RESPIRATORY PROTECTION

INSTRUMENTATION

HAND & ARM PROTECTION

HEARING PROTECTION

FALL PROTECTION

HARLEY-DAVIDSON®



### Sperian® Dust Cover

- Protects eyewash basin from dirt, dust and debris
- Attaches to the eyewash activation handle or pull strap
- Cover and activation handle or pull strap are detached in one motion

Item #	Description
32-002015-0000	Fendall 2000 Dust Cover
32-001015-0000	Fendall Pure Flow 1000 Dust Cover
32-000517-0000	Sperian Dust Cover for Fendall Porta Stream I, II



### Sperian® Reflective Cover

- Protective cover helps maintain fluid temperature
- Use in environments of high solar energy
- Flap and pull strap are removed in one motion

Item #	Description
32-000532-0000	Sperian Reflective Cover for Use with Fendall Porta Stream II
32-000531-0000	Sperian Reflective Cover for Use with Fendall Porta Stream I



### Sperian® Fluid Disposal Cart

- Allows easy collection of used flushing fluid
- Concave top surface with center drain
- Dual wheels, molded handle for easy portability

Item #	Description
32-000511-0000	Sperian Disposal Cart for Use with Fendall Porta Stream I, II, III, and Fendall Flash Flood

### Sperian® Universal Eyewash Cleaning Kit

- For use with all tank-type, eyewash stations
- Allows thorough eyewash device cleaning
- Clean prior to refilling, to remove contamination
- Helps remove contaminants from tank interior



Item #	Description
32-000518-0000	Sperian Cleaning Kit for Use with All Tank-Type, Eyewash Stations



### Sperian® Waste Container

- 28 gallon waste container fits securely on cart
- Not required for Fendall Pure Flow 1000® or Fendall 2000™

Item #	Description
32-001061-0000	Sperian Waste Container for Use with Universal Cart #32-001060-000

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## Emergency Eyewash Accessories

### Sperian® Universal Bottle Mounting Device

- Expandable strap with magnetic backing holds various personal eyewash bottle sizes up to 32 oz.
- Can be mounted for permanent placement
- Easy installation, takes less than one minute
- Fits all Sperian personal eyewash bottles as well as most competitor bottles
- 4 per case – sold in cases only



Item #	Description
32-000435-0000	Sperian Universal Bottle Mounting Device

### Sperian® Universal Eyewash Stand

- Inexpensive alternative to wall mounting
- Versatile stand can be mounted to a floor or be used as free standing
- Compact and easy to assemble (assembly time – 5 minutes or less)
- All assembly parts are included
- Lightweight, sturdy steel tubing design (25 lbs)



Item #	Description
32-001065-0000	Sperian Eyewash stand for use with Fendall 2000, Fendall Pure Flow 1000, and Fendall Porta Stream I, II and III

### Sperian® Universal Eyewash Cart

- Provides quick, easy portability for self-contained, gravity-fed emergency eyewash devices
- Reliable, hand-truck design ensures durability

Item #	Description
32-001060-0000	Sperian Eyewash Cart for Use with All Portable Devices



### Sperian® Wire Storage Rack

- Wire rack holds 4, 1-gallon cartridges
- Allows multiple cartridges to be stored in immediate vicinity of Fendall Flash Flood®

Item #	Description
32-000402-0000	Sperian Wire Rack for Use with Fendall Flash Flood



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## Reference: Compliance Regulations

### 10 SECOND RUSH

Experts agree the most important first aid procedure for eye contact with hazardous materials is abundant irrigation within seconds. The need for immediate flushing requires the installation of emergency eyewash devices in accessible locations that require no more than 10 SECONDS to reach. Studies have shown there is a significant difference in the outcome of chemically burned eyes that receive prompt irrigation compared with those that did not undergo immediate flushing – patients receiving prompt irrigation required less surgery, had shorter hospital stays, and faster recoveries.

### 15 MINUTE FLUSH

The type of emergency eyewash device, the flushing solution used, and the maintenance of that device can greatly affect the treatment and eventual recovery of an injured eye. Safety professionals can choose from a variety of delivery systems and flushing fluids when selecting emergency eyewash devices. The primary eyewash unit required for a hazard area must meet the requirements set by ANSI Z358.1-2009. Eyewash stations and bottles that supply less than the minimum flushing requirements of ANSI Z358.1-2009 are intended to support, not replace, primary units. These supplemental or personal eyewash units are referred to as secondary devices.

#### Primary



#### Secondary/Personal



### COMPLIANCE REGULATIONS

#### OSHA Requirements

OSHA specifies requirements for workplace eye hazard areas. High incident eye injury areas have activities involving use of paints and solvents, battery charging, tool parts washing, laboratory work, chemical storage, and chemical pumping and mixing. Injurious materials may be present in solid, liquid, powder, mist or vapor form.

Hazard Communication Standard, 29 CFR 1910.1200, requires employers to identify chemicals used in the workplace. This regulation further mandates that employers provide information to employees regarding appropriate safety equipment and emergency procedures for the safe use of workplace chemicals. CFR Title 29, Parts 1901 to 1910 are applicable. Part 1910.151(c) states: "Where the eyes or body of any person may be exposed to injurious corrosive materials, suitable facilities for quick drenching or flushing of the eyes and body shall be provided within the work area for immediate emergency use."

#### ANSI Standard

The ANSI Z358.1-2009 Standard for Emergency Shower and Eyewash Equipment is the definitive standard for meeting the OSHA requirement for "suitable facilities."

ANSI Z358.1-2009 states specific installation requirements for plumbed/self-contained eyewashes.

It is the employer's responsibility to ensure that eyewashes shall be in accessible locations that require no more than 10 seconds to reach.

The eyewash unit shall be located on the same level as the hazard and the path of travel shall be free of obstructions that may inhibit the immediate use of the equipment. For a strong acid or strong caustic, the eyewash should be immediately adjacent to the hazard.

Performance requirements for plumbed/self-contained eyewash units are also specified by ANSI Z358.1-2009:

Plumbed and self-contained eyewash equipment shall be capable of delivering flushing fluid to the eyes not less than 1.5 liters (0.4 gpm) per minute for 15 minutes.

A means shall be provided to ensure that a controlled flow of flushing fluid is provided to both eyes simultaneously at a velocity low enough to be non-injurious to the user.

Nozzles shall be protected from airborne contaminants. Whatever means is used to afford such protection, its removal shall not require a separate motion by the operator when activating the unit.

The eyewash unit shall be designed to provide enough room to allow the eyelids to be held open with the hands while the eyes are in the flushing fluid stream.

Visit [www.ansi.org](http://www.ansi.org) for complete ANSI Z358.1-2009 details

# Reference: Eyewash Options

## SPERIAN® SALINE SOLUTIONS

Sperian’s world-renowned delivery systems and devices utilize a sterile solution or buffered saline solution, both of which are superior to tap water or water with an additive for emergency eye care. Unlike tap water that may contain contaminants that can further irritate or damage the eyes, saline solution is purified and physiologically balanced to the pH and salinity of human tears.

Saline solution is offered in factory-sealed cartridges and personal eyewash bottles. Factory-sealed fluid cartridges eliminate mixing, measuring, and the opportunity for airborne particles or microorganisms to contaminate the fluid prior to use. Sealed fluid containers last up to 24 months\* and replacement takes less than five minutes. There is a 36-month shelf life\* on sterile personal eyewash bottles.

FEATURES	BENEFITS
• Sterile	Free from living microorganisms and bacteria, especially those that can cause disease and further harm to an already injured or compromised eye
• Buffered	Ensures neutral pH of flushing fluid and reduces likelihood of fluid causing additional damage to an injured eye
• Saline solution	Minimizes irritation and maximizes flushing comfort with a solution that is physiologically balanced to the pH and salinity of human tears
• Contaminant-free	Does not contain irritants like chlorine, rust and various microbial contaminants that may be found in tap water
• User-friendly	Allows maximum user comfort and flushing effectiveness over the entire 15-minute flushing period required by ANSI Z358.1-2009
• Versatile	Saves maintenance costs with quick fluid change options including up to 24 month* sealed cartridge life

*\*Shelf life determined by date of manufacture. Always check product expiration date*

## OTHER SPERIAN SOLUTION OPTIONS

### Sperian® Concentrate

Sperian Concentrate creates a flushing fluid solution that reacts better with the eye than does water or water with an additive. Sperian Concentrate contains special additives to provide a cost-effective solution for eyewash refills. When mixed in the proper ratio with potable (drinking) water, Sperian Concentrate provides a preserved, buffered, saline solution.

### Sperian® Water Additive

When mixed with potable water, Sperian Water Additive provides a preserved solution for use in self-contained eyewash devices. Sperian Water Additive mixed with water is cost-effective, but does not impact possible contaminants. Sperian Water Additive is non-toxic in the recommended concentration.

## EMERGENCY EYEWASH CONSIDERATIONS

### Cost – Plumbed vs. Self-Contained

Once potential hazards have been identified, the employer must select and install emergency eyewash units in appropriate locations throughout the facility that require no more than 10 seconds for any person using hazardous materials to reach.

Depending on the number of hazard locations and facility layout, installation of plumbed emergency eyewash devices within 10 seconds of potential hazards can be cost-prohibitive. Plumbed units require a readily available water source close at hand and a drain to service the unit.

Self-contained emergency eyewash devices use sealed fluid cartridges or a gravity-fed, tank design with no costly plumbing needed. Self-contained systems provide affordable, portable placement within 10 seconds of most workplace hazards.

### Maintenance

Proper maintenance of eyewash devices is essential. ANSI Z358.1-2009 requires that plumbed units be activated weekly to verify proper operation. Self-contained devices must be inspected and maintained according to manufacturer’s instructions.

Fluid in devices using water mixed with an additive or a factory prepared liquid concentrate must be changed in accordance with the manufacturer’s directions.

Factory-sealed fluid cartridges offer low maintenance charging up to 24 months unless the eyewash device is activated sooner.\*

All emergency eyewash systems must be inspected at least annually to ensure conformance with ANSI Z358.1-2009 requirements.

*\*Shelf life determined by date of manufacture. Always check product expiration date*

### Flushing Fluid Quality

While tap water is widely available, it is not the preferred solution for emergency eye flushing. Tap water used in plumbed systems or some tank-type eyewashes may contain various particulates or harmful contaminants.

Particles in the flushing stream can injure the eye and may obstruct fluid flow. Tap water may also contain various microorganisms and bacterial contaminants from the interior surface of water pipes that can pose a threat to injured eye tissue.

The ideal solution for emergency eye flushing is 100% sterile or clean, contamination-free, buffered, and pH balanced saline solution which minimizes the extent of damage caused by injurious materials.

# Reference: Sterile Eyewash Solutions

## THE SPLASH ON STERILE EMERGENCY EYEWASH SOLUTIONS

Recent research has proven that sterile emergency eyewash solutions deliver additional benefits to the patient being treated. The findings were compelling enough to advance the FDA's plans to enforce regulations on the use of sterile solutions in portable emergency eyewash.

### Why Is A Sterile Eyewash Solution Better?

- Sterile solution offers unmatched safety.
- When compared to tap water, sterile solution offers the best protection from contaminants and bacteria that could lead to secondary trauma to an injured eye.
- Sterile solution reduces the risk of potential liability if eye injury from flushing with contaminated water occurs.
- Flushing eyes with tap water can be very painful. People find it virtually impossible to flush their eyes with tap water for the recommended 15 minutes. The water is often too cold or too hot to be tolerated. The presence of chemicals and contaminants in tap water can exacerbate the problem.
- Flushing with tap water can damage the epithelial layer of the eye. A study conducted by the Louisiana State University Health Sciences Center and the Kentucky Lions Eye Center found that flushing with tap water can further disrupt the eye's protective epithelial cell layer and cause additional corneal cell damage because it is incompatible with the pH of the eye.
- Tap water introduces contaminants into the injured eye. Plumbed eyewash stations can develop rust and scale in their supply lines. Though tap water is suitable for drinking, it does contain various irritants and contaminants including the free-living amoeba, Acanthamoebae. In fact, a December 2005 survey by the Environmental Working Group (EWG), a nonprofit environmental research and advocacy group based in Washington, DC, found 141 unregulated chemicals and an additional 119 for which the Environmental Protection Agency (EPA) has set health-based limits. Most common among the chemicals found were disinfection by-products, nitrates, chloroform, barium, arsenic and copper. Flushing these harmful elements into an already damaged eye can cause serious secondary injury and possible vision loss.
- By definition, Sterile means free from living microorganisms and bacteria, especially those that can cause disease and bring further harm to an already injured or compromised eye.

An easy formula to illustrate Sterile is:

$$\begin{aligned}
 &0\% \text{ Bacteria} \\
 &0\% \text{ Mold} \\
 &0\% \text{ Fungus} \\
 &0\% \text{ Pollutants} \\
 \hline
 &= 100\% \text{ Sterile Eyewash}
 \end{aligned}$$

**Essentially, there are no contaminants, no minerals, no scale, no living microorganisms, no rust, no chlorine and no irritants as a result of the sterilization process. The solution remains 100% Sterile; until the injured eye needs it!**

# Reference: Product Features Matrix

Item #	Description	Primary Device	Secondary Device	Personal Device	Portable	Sealed-Fluid Cartridge	Sterile Saline Solution	Buffered Saline Solution	Saline Concentrate	Water Additive	Refillable	Heated/Freeze Protected	Meets ANSI 15-Min. Requirement	SEI Certified
32-002000-0000	Fendall 2000 Sterile Eyewash Station (English)	•			•	•							•	•
32-002000-0070	Fendall 2000 Sterile Eyewash Station (Spanish)	•			•	•							•	•
32-ST2050-0000	Sterile Saline Refill Cartridge for Fendall 2000					•	•							
32-001000-0000	Fendall Pure Flow 1000 Eyewash Station (English)	•			•	•							•	•
32-001000-0022	Fendall Pure Flow 1000 Eyewash Station (French Canadian)	•			•	•							•	•
32-001000-0070	Fendall Pure Flow 1000 Eyewash Station (Mexican Spanish)	•			•	•							•	•
32-001050-0000	Saline Refill Cartridge for Fendall Pure Flow 1000					•	•							
32-ST1050-0000	Sterile Saline Refill Cartridge for Fendall Pure Flow 1000					•	•							
32-001052-0000	High Humidity Saline Refill Cartridge for Fendall Pure Flow 1000					•	•							
32-000200-0000	Fendall Porta Stream II Eyewash Station (English) w/Saline Concentrate	•			•				•		•		•	•
32-000200-0022	Fendall Porta Stream II Eyewash Station (French Canadian) w/Saline Concentrate	•			•				•		•		•	•
32-000200-0070	Fendall Porta Stream II Eyewash Station (Mexican Spanish) w/Saline Concentrate	•			•				•		•		•	•
32-000230-0000	Fendall Porta Stream II Eyewash Station (English) w/Water Additive	•			•					•	•		•	•
32-000230-0022	Fendall Porta Stream II Eyewash Station (French Canadian) w/Water Additive	•			•					•	•		•	•
32-000230-0070	Fendall Porta Stream II Eyewash Station (Mexican Spanish) w/Water Additive	•			•					•	•		•	•
32-000310-0000	Fendall Porta Stream III Eyewash Stn. (Freeze Protected) w/Saline Concentrate	•			•				•		•	•	•	•
32-000100-0000	Fendall Porta Stream I Eyewash Station (English) with Saline Concentrate	•			•				•		•			
32-000100-0022	Fendall Porta Stream I Eyewash Station (French) with Saline Concentrate	•			•				•		•			
32-000100-0070	Fendall Porta Stream I Eyewash Station (Spanish) with Saline Concentrate	•			•				•		•			
32-000130-0000	Fendall Porta Stream I Eyewash Station (English) with Water Additive	•			•					•	•			
32-000400-0000	Fendall Flash Flood Eyewash Station (English)	•			•			•			•			
32-000400-0022	Fendall Flash Flood Eyewash Station (French Canadian)	•			•			•			•			
32-000400-0070	Fendall Flash Flood Eyewash Station (Mexican Spanish)	•			•			•			•			
32-000401-0000	Saline Refill Cartridges for Fendall Flash Flood							•						
32-000440-0000	Saline Bottle Personal Carry Bag			•	•		•							
32-000455-0000	32 oz. Bottles with Extended Flow Nozzles			•	•		•							
32-000454-0000	16 oz. Bottles with Extended Flow Nozzles			•	•		•							
32-000445-0000	8 oz. Bottles with User-Controlled Delivery – Drops or Stream			•	•		•							
32-000452-0000	4 oz. Bottles with User-Controlled Delivery – Drops or Stream			•	•		•							
32-000451-0000	1 oz. Bottles with User-Controlled Delivery – Drops or Stream			•	•		•							
32-000460-0000	16 oz. Single Eyewash Wall Station			•			•							
32-000461-0000	32 oz. Single Eyewash Wall Station			•			•							
32-000462-0000	32 oz. Double Eyewash Wall Station			•			•							
32-000471-0000	32 oz. Double Body Flush Wall Station			•			•							
32-000502-0000	Saline Solution (Premixed) for Use w/Fendall Porta Stream I, II, III							•						
32-000513-0000	Saline Concentrate for Use with Fendall Porta Stream II, III								•					
32-000509-0000	Saline Concentrate for Use with Fendall Porta Stream I								•					
32-001100-0000	Water Additive for Use with all Portable Devices									•				

EYE & FACE PROTECTION

RESPIRATORY PROTECTION

INSTRUMENTATION

HAND & ARM PROTECTION

HEARING PROTECTION

FALL PROTECTION

HARLEY-DAVIDSON®

## Sperian Emergency Eyewash

### Primary Emergency Eyewash Devices

#### Fendall 2000™

Item #	Description
32-002000-0000	Sterile Eyewash Station (English)
32-ST2050-0000	Sterile Saline Refill Cartridge for Fendall 2000

#### Fendall Pure Flow 1000®

Item #	Description
32-001000-0000	Eyewash Station (English)
32-001000-0022	Eyewash Station (French Canadian)
32-001000-0070	Eyewash Station (Mexican Spanish)
32-001050-0000	Saline Refill Cartridge for Fendall Pure Flow 1000 (Trilingual)
32-ST1050-0000	Sterile Saline Refill Cartridge for Fendall Pure Flow 1000 (Trilingual)
32-001052-0000	High Humidity Saline Refill cartridge for Fendall Pure Flow 1000 (Trilingual)

#### Fendall Porta Stream® II + III

Item #	Description
32-000200-0000	Eyewash Station (English) with Saline Concentrate
32-000200-0020	Eyewash Station (English) with Saline Concentrate (English/French Canadian)
32-000200-0022	Eyewash Station (French Canadian) with Saline Concentrate
32-000200-0070	Eyewash Station (Mexican Spanish) with Saline Concentrate
32-000230-0000	Eyewash Station (English) with Water Additive
32-000230-0020	Eyewash Station (English/French Canadian) with Water Additive
32-000230-0022	Eyewash Station (English) with Water Additive (English/French Canadian)
32-000230-0070	Eyewash Station (Mexican Spanish) with Water Additive
32-000310-0000	Eyewash Station (Freeze Protected) with Saline Concentrate

### Secondary Emergency Eyewash Devices

#### Fendall Porta Stream® I

Item #	Description
32-000100-0000	Eyewash Station (English) with Saline Concentrate
32-000100-0020	Eyewash Station (English) with Saline Concentrate (English/French Canadian)
32-000100-0022	Eyewash Station (French) with Saline Concentrate
32-000100-0070	Eyewash Station (Spanish) with Saline Concentrate
32-000130-0000	Eyewash Station (English) with Water Additive
32-000130-0020	Eyewash Station (English) with Water Additive (English/French Canadian)
32-000130-0022	Eyewash Station (French Canadian) with Water Additive
32-000130-0070	Eyewash Station (Spanish) with Water Additive

#### Fendall Flash Flood®

Item #	Description
32-000400-0000	Eyewash Station (English)
32-000400-0022	Eyewash Station (French Canadian)
32-000402-0000	Wire Storage Rack for Fendall Flash Flood
32-000401-0000	Saline Refill Cartridges (English) for Fendall Flash Flood
32-000401-0022	Saline Refill Cartridges (French Canadian) for Fendall Flash Flood

### Personal Eyewash Bottles

#### Sperian® Saline Personal Travel Bag

Item #	Description
32-000440-0000	Sperian Personal Travel Bag (English) 13" x 9" x 4", Qty 1, 4 lbs.
32-000440-0020	Sperian Personal Travel Bag (French Canadian) 13" x 9" x 4", Qty 1, 4 lbs.

For more information or to order products on this page, please call Customer Care at 800 430-5490.

### Sperian® Saline Eyewash Bottles

Item #	Description
32-000455-0000	Sperian 32 oz. Bottles (English/Spanish) w/ Extended Flow Nozzles
32-000455-0020	Sperian 32 oz. Bottles (English/French Canadian) w/ Extended Flow Nozzles
32-000454-0000	Sperian 16 oz. Bottles (English/Spanish) w/ Extended Flow Nozzles
32-000454-0020	Sperian 16 oz. Bottles (English/French Canadian) w/ Extended Flow Nozzles
32-000445-0000	Sperian 8 oz. Bottles (English/Spanish) w/ User-Controlled Delivery – Drops or Stream
32-000445-0020	Sperian 8 oz. Bottles (English/French Canadian) w/ User-Controlled Delivery – Drops or Stream
32-000452-0000	Sperian 4 oz. Bottles (English/Spanish) w/ User-Controlled Delivery – Drops or Stream
32-000452-0020	Sperian 4 oz. Bottles (English/French Canadian) w/ User-Controlled Delivery – Drops or Stream
32-000451-0000	Sperian 1 oz. Bottles (English/Spanish) w/ User-Controlled Delivery – Drops or Stream
32-000451-0020	Sperian 1 oz. Bottles (French Canadian) w/ User-Controlled Delivery – Drops or Stream

### Personal Eyewash Wall Stations

#### Sperian® Saline Wall Stations

Item #	Description
32-000460-0000	Sperian 16 oz. Single Eyewash Wall Station
32-000460-0020	Sperian 16 oz. Single Eyewash Wall Station (English/French Canadian)
32-000461-0000	Sperian 32 oz. Single Eyewash Wall Station
32-000461-0020	Sperian 32 oz. Single Eyewash Wall Station (English/French Canadian)
32-000462-0000	Sperian 32 oz. Double Eyewash Wall Station
32-000462-0020	Sperian 32 oz. Double Eyewash Wall Station (English/French Canadian)
32-000471-0000	Sperian 32 oz. Double Body Flush Wall Station (English/Spanish)
32-000471-0020	Sperian 32 oz. Double Body Flush Wall Station (English/French Canadian)

### Emergency Eyewash Refills

#### Fendall 2000™ Sterile Saline Cartridges

Item #	Description
32-ST2050-0000	Sterile Saline Refill Cartridges for Fendall 2000 (Trilingual)

#### Fendall Pure Flow 1000® Sterile Saline Cartridges

Item #	Description
32-ST1050-0000	Sterile Saline Refill Cartridges for Fendall Pure Flow 1000 (Trilingual)

#### Fendall Pure Flow 1000® Saline Cartridges

Item #	Description
32-001050-0000	Saline Refill Cartridges for Fendall Pure Flow 1000 (Trilingual)

#### Sperian® High Humidity Brace for Fendall Pure Flow 1000® Cartridges

Item #	Description
32-001053-0000	Sperian High Humidity Brace for Fendall Pure Flow 1000 (Trilingual)

#### Fendall Flash Flood® Cartridge

Item #	Description
32-000401-0000	Saline Refill Cartridges for Fendall Flash Flood
32-000401-0020	Saline Refill Cartridges (French Canadian) for Fendall Flash Flood

## Sperian Emergency Eyewash

### Sperian® Saline Solution

Item #	Description
32-000502-0000	Sperian Saline Solution (Premixed) for Use with Fendall Porta Stream I, II, III
32-000502-0020	Sperian Saline Solution (Premixed, English/French Canadian) for Use with Fendall Porta Stream I, II, III

### Sperian® Saline Concentrate

Item #	Description
32-000513-0000	Sperian Saline Concentrate for Use with Porta Stream II, III
32-000513-0020	Sperian Saline Concentrate (English/French Canadian) for Use with Porta Stream II, III
32-000509-0000	Sperian Saline Concentrate for Use with Porta Stream I
32-000509-0020	Sperian Saline Concentrate (English/French Canadian) for Use with Porta Stream I

### Sperian® Water Additive

Item #	Description
32-001100-0000	Sperian Water Additive for Use with all Portable Devices
32-001100-0020	Sperian Water Additive (English/French Canadian) for Use with all Portable Devices

## Emergency Eyewash Accessories

### Sperian® Dust Covers

Item #	Description
32-002015-0000	Fendall 2000 Dust Cover
32-001015-0000	Fendall Pure Flow 1000 Dust Cover
32-000517-0000	Sperian Dust Cover for Fendall Porta Stream I, II

### Sperian® Reflective Covers

Item #	Description
32-000532-0000	Sperian Reflective Cover for Use with Fendall Porta Stream II
32-000531-0000	Sperian Reflective Cover for Use with Fendall Porta Stream I

### Sperian® Fluid Disposal Cart

Item #	Description
32-000511-0000	Sperian Disposal Cart for Use with Fendall Porta Stream I, II, III, and Fendall Flash Flood

### Sperian® Universal Eyewash Cleaning Kit

Item #	Description
32-000518-0000	Sperian Cleaning Kit for Use with All Tank-Type Eyewash Stations

### Sperian® Waste Container

Item #	Description
32-001061-0000	Sperian Waste Container for Use with Universal Cart #32-001060-000

### Sperian® Universal Bottle Mounting Device

Item #	Description
32-000435-0000	Sperian Universal Bottle Mounting Device

### Sperian® Universal Eyewash Stand

Item #	Description
32-001065-0000	Sperian Eyewash Stand for Use with Fendall 2000, Fendall Pure Flow 1000, and Fendall Porta Stream I, II and III

### Sperian® Universal Eyewash Cart

Item #	Description
32-001060-0000	Sperian Eyewash Cart for Use with all Portable Devices

### Sperian® Wire Storage Rack

Item #	Description
32-000402-0000	Sperian Wire Rack for Use with Fendall Flash Flood





SPERIAN Protection Americas, Inc.  
900 Douglas Pike  
Smithfield, RI 02917  
Tel: 800 343-3411  
Fax: 800 322-1330  
[www.sperian.com](http://www.sperian.com)



# SAFETY PRODUCTS CATALOG 2010



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**⚠ WARNING!** Sperian® Laser products should be used only in conjunction with the manufacturer's instructions. Failure to follow such instructions and warnings may result in serious personal injury and serious illness, including blindness.

## Sperian Laser Eyewear

### DESIGNED FOR SUPERIOR LASER PROTECTION, COMFORT AND STYLE

Since 1968, we have been the worldwide leader in serving the laser industry with laser protective eyewear, patient eye shield products and specialty filters for every industry where lasers are used. Our motto in product design is “Protection You Can Trust.” Key factors considered in every design are: protection, visibility, comfort and style.



Our frames are designed with fashion in mind and incorporate features for a personalized fit that help make the eyewear comfortable to wear. We manufacture our products in the USA in an ISO 9001 certified facility in Smithfield, Rhode Island. In addition, many of our products carry the CE sign, signifying that they meet European standards, which involves extra third party

product testing and reviews of our quality control. Sperian Laser offers a large range of products manufactured to ANSI, EN 207 and EN 208 standards. We also have a sales office in Mainz, Germany. Our international sales team consists of Certified Laser and Medical Safety Officers with nearly 90 years of combined experience in the laser field.

## Laser Eyewear

When combined with our extensive line of Laser Filters, Sperian® protective laser eyewear provides you with a product that you can trust, incorporating protection, visibility, comfort and style.

When selecting a suitable frame style, consider requirements for adjustability, comfort, the need to wear prescription frames, etc. The style you select will have a great impact on the weight distribution and comfort, as well as ensuring that you look and feel good.



### Filter Technology: Polymer

**Polymer filters are designed to maximize visibility while providing unsurpassed attenuation by narrowing the absorption band to the specific laser wavelengths.**

These feather-weight, impact-resistant, polymer lenses are available for all of today's lasers, and custom designs are available upon request.

*Each Sperian® Laser Eyewear includes cleaning cloth or a micro-fiber cloth bag (which doubles as a cleaning cloth), a hard-case for storage and a safety hang cord to carry the eyewear around your neck. The LOTG and LGM eyewear do not include the hard-case.*

**Serving the laser community since 1968.**

For more information or to order products on this page, please call Customer Care at 800 500-4739.

## Spectacles

### NEW! Sperian New York™ Series

- High level protection and style, by adding stylish anodized metal pieces as accents in strategic locations
- High quality OBE brand spring hinges provide the ultimate in comfort and durability
- Temples can be conformed for an improved face-form fit
- Lifetime warranty on frame and lens (scratches not covered)
- Meets Standards: ANSI Z136.1, ANSI Z87.1 (impact), CE EN207
- Filter Technology: Glass, Crystal Clarity



### Sperian Milan™ Series

- Adjustable nose bridge to fit a majority of facial profiles
- Spring hinges provide the ultimate in comfort
- Flexible, multi-material temples allow you to personalize the fit
- Lifetime warranty on frame and lens (scratches not covered)
- Meets Standards: ANSI Z136.1, ANSI Z87+ (high impact), CE EN207, CE EN208
- Filter Technology: Polymer, HT; Coatings on lens: Anti-Fog, Anti-Scratch

### GPT XC®

- Soft elastomeric brow guard and flexible “nose bridge fingers” cushion every point of contact with the face
- Adjustable temple length and inclination
- Wrap-around lens for uninterrupted peripheral vision and superior coverage
- *Detachable prescription insert available upon request: fits up to 6 diopters*
- Lifetime warranty on frame and lens (scratches not covered)
- Meets Standards: ANSI Z136.1, ANSI Z87+ (high impact), CE EN207, CE EN208
- Filter Technology: Polymer, HT; Coatings on lens: Anti-Fog, Anti-Scratch



### GPT LS5 Series

- Features a large 66 mm curved glass lens for uninterrupted vision
- Ratcheting hinge and Duoflex® comfort-cushion, adjustable temples
- Lifetime warranty on frame and lens (scratches not covered)
- Meets Standards: ANSI Z136.1
- Filter Technology: Glass
- Available only in USA



## Laser Eyewear

**GPT LGM Series**

- Contemporary style combined with wrap-around protection
- Superior optics provide a large protective area with unrestricted wide angle viewing
- Limited 2-year warranty on frame and lens (scratches not covered)
- Meets Standards: ANSI Z136.1, ANSI Z87.1 (impact), CE EN207
- Filter Technology: Polymer; Coatings on lens: Anti-Scratch
- *Limited filter availability*

**GPT LS9 Series**

- This comfortable, lightweight design frame is prescription compatible
- Side shield and eyebrow coverage
- Limited 2-year warranty on frame and lens (scratches not covered)
- Meets Standards: ANSI Z136.1
- Filter Technology: Glass
- Available only in USA

**Filter Technology: HT™ Polymer**

Sperian's patent-pending High Transmission (HT) polymer filters help maximize productivity by providing excellent overall vision.

These filters incorporate a patented notch dye technology that maximizes visible light transmission by limiting the wavelength band covered while providing the required protection level for your application.

**Over-the-Glass (OTG)****GPT LGF Series**

- One-piece, impact-resistant polymer lens with integral molded sideshield
- Offers a large protective area with unrestricted wide-angle viewing
- Fits over many prescription frames
- Adjustable temples
- Lifetime warranty on frame and lens (scratches not covered)
- Meets Standards: ANSI Z136.1, ANSI Z87.1 (impact), CE EN207, CE EN208
- Filter Technology: Polymer, HT; Coatings on lens: Anti-Scratch

**GPT Encore™ Series**

- Comfortable to wear over long periods of time
- Adjustable and flexible temples
- Fits over a majority of prescription eyewear
- Available in 2 sizes, Encore Large (Polymer Filter) and Encore Small (Glass and Crystal Clarity™ Filter)
- Lifetime warranty on frame and lens (scratches not covered)
- Meets Standards: ANSI Z136.1, ANSI Z87.1 (polymer filters), CE EN207, CE EN208
- Filter Technology: Polymer, HT, Glass, Crystal Clarity; Coatings on polymer lens: Anti-Scratch



Each Sperian® Laser Eyewear includes cleaning cloth or a micro-fiber cloth bag (which doubles as a cleaning cloth), a hard-case for storage and a safety hang cord to carry the eyewear around your neck. The LOTG and LGM eyewear do not include the hard-case.

**Serving the laser community since 1968.**

For more information or to order products on this page, please call Customer Care at 800 500-4739.

## Laser Eyewear



### GPT LOTG Series

- Fits comfortably over many different prescription eyewear styles due to its larger size
- Ratcheting hinge and temple length adjustments
- Duoflex® comfort-cushion temples
- Limited 2-year warranty on frame and lens (scratches not covered)
- Meets Standards: ANSI Z136.1, ANSI Z87.1 (impact), CE EN207
- Filter Technology: Polymer; Coatings on lens: Anti-Scratch
- Limited availability

### Goggles

### Filter Technology: Glass

**Glass Filters can absorb higher heat densities than Polymer filters, thus they can offer higher protection levels.**

These mineral glass filters have properties that protect against a specific laser by absorbing the light passing through the filter, hence providing maximum visibility and protection. These filters are by nature heavier than polymer filters.



### GPT Flex Seal® Goggle

- Has an indirect ventilation system that enhances comfort and minimizes fogging
- Fits comfortably over prescription eyewear
- Silicon flange and adjustable headband provides a secure fit
- Lifetime warranty on frame and lens (scratches not covered)
- Meets Standards: ANSI Z136.1, ANSI Z87.1+ (high impact), CE EN207
- Filter Technology: Polymer, HT; Coatings on lens: Anti-Fog, Anti-Scratch



### GPT LS6 Goggle

- Designed for high protection
- Fits comfortably over prescription eyewear
- Removable pads for personalized fit and hygiene
- Anti-fog design provides a free flow of air from bottom to top ensuring a cool, comfortable fit
- Lifetime warranty on frame and lens (scratches not covered)
- Meets Standards: ANSI Z136.1, CE EN207
- Filter Technology: Glass

### Filter Technology: Crystal Clarity™

**This technology protects against a laser light by reflecting it.**

These dielectrically-coated filters provide protection over a 30-degree angle of incidence in accordance with domestic and international laser eyewear standards.

*Each Sperian® Laser Eyewear includes cleaning cloth or a micro-fiber cloth bag (which doubles as a cleaning cloth), a hard-case for storage and a safety hang cord to carry the eyewear around your neck. The LOTG and LGM eyewear do not include the hard-case.*

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V  
V  
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EYE & FACE PROTECTION  
RESPIRATORY PROTECTION  
INSTRUMENTATION  
HAND & ARM PROTECTION  
HEARING PROTECTION  
FALL PROTECTION  
HARLEY-DAVIDSON®

## Polymer and Glass Windows

### Polymer and Glass Windows

- Range of polymer and glass windows for today's most common wavelengths
- Typical polymer window sizes: 2' x 3' (60cm x 90cm) or 3' x 4' (90cm x 120cm)
- Available for Nd:YAG (high transmission), YAG/CO<sub>2</sub>, YAG/KTP, Argon/KTP, Excimer/CO<sub>2</sub>
- May be used as windows in the housing around laser machines, screens for laser workplaces or display panels
- Meets standards: ANSI Z136.1. Select polymer/glass windows are certified to EN 12254 and/or EN 207
- Custom wavelengths and sizes available upon request



## Specialty Filters and Custom Solutions

### Specialty Filters and Custom Solutions

- In any application where you need to control the light, our specialty filters offer virtually unlimited potential
- Laser absorbers can be processed in various polymers to meet special design needs
- Our chemists and engineers work as consultants for you to develop the dye that accommodates your application
- From research and development through testing, design, molding and manufacturing, Sperian offers the services and expertise you need for a finished product



### Some examples of special filters we have developed:

- To improve the response of automatic light control systems in vehicles
- For manufacturing processes and the pharmaceutical industry
- Avionics filters for military night vision goggles to suppress infrared light from cockpit and displays

## LAZAN Software

### LAZAN Software

- Free web-based software program developed exclusively for authorized Sperian® distributors
- Aids in the laser eyewear selection process
- Step-by-step program prompts for essential parameters
- Calculates required optical density (OD) or EN 207 protection level
- Suggests appropriate Sperian Laser Eyewear for the application
- Fine tune your results based on frame style, Visible Light Transmission (VLT), and filter technology
- To learn more, visit [www.sperian.com](http://www.sperian.com)



Serving the laser community since 1968.

For more information or to order products on this page, please call Customer Care at 800 500-4739.

# Reference: How to Choose Protective Laser Eyewear

## If You Know the Eyewear Specifications

**STEP 1:** Define specifications for eyewear – wavelength and OD or EN 207/EN 208 protection level.

**STEP 2:** Select a filter according to the required protection. Consider the following factors:

- Weight – a lightweight product will generally be more comfortable to wear. Polymer filters are much lighter than glass filters.
- Select the highest possible VLT (Visible Light Transmission). The higher the VLT, the better you will be able to see.
- Do you need protection for multiple wavelengths?
- Do you need to see specific colors such as warning lights, colored wires, etc? Assess what impact the filter color and VLT may have on your ability to perform tasks while wearing the eyewear.
- Does the eyewear filter have anti-scratch and anti-fog capabilities?

**STEP 3:** Select a frame style. Frame style selection is critical and the following factors must be taken into account:

- Design: This is critical for all-day comfort, because it determines whether the weight of the product is evenly distributed, thereby avoiding unnecessary pressure on the nose bridge or temple area.
- Adjustments: Multiple frame adjustments will ensure an optimal, individual fit.
- Does the eyewear need to fit over prescription glasses? Consider the GPT XC® with an Rx insert.
- Do you wear the eyewear for long periods of time?
- Does the eyewear provide good peripheral vision and side protection?

**STEP 4:** Provide the filter number and frame style to your Sperian® representative or distributor.

## If You Do Not Know the Eyewear Specifications

Please refer to your laser device manufacturer for the specifications or look at the identifying labels on your laser device. The specifications required to process the request are:

- a. Laser type (ex. CO<sub>2</sub>, Nd:YAG, HeNe, etc.)
- b. Wavelength in nanometers (nm)
- c. Mode of operation – Continuous Wave, Pulsed Laser, Q-Switched Laser, etc.
- d. Is there an alignment wavelength for the Laser?
- e. In case of CW Lasers, Power (W or mW)
- f. In case of Pulsed Lasers, Energy (J or mJ), Pulse length (seconds), Pulse frequency (Hz)
- g. Specific requirements for your application
- h. Frame style desired





# Reference: Most Popular Sperian® Laser Filters

Listed in increasing order of wavelength – from UV to IR. This list is indicative of the variety of filters we manufacture, but is not exhaustive. We are continuously developing new filters and making improvements to our current filters. Please visit our website at [www.sperian.com](http://www.sperian.com) for the latest list of filters.

	Wavelength (in nm)	Laser Type	Filter #	VLT	Color	Filter Technology	CE
UV	200-380	Excimer	113	70%	Pink	Polymer	CE
	190-532	UV, Argon, 532nm	13	42%	Orange	Glass	-
VISIBLE	488	Alignment: 488nm	150	72%	Yellow	Polymer	-
	488-514	Alignment: Argon	154	70%	Amber	Polymer	-
	532	Alignment: 532nm	151	65%	Amber	Polymer	CE
	200-532	Argon / KTP	103	50%	Orange	Polymer	CE
	488-676	Alignment: Argon / Krypton	156	22%	Light Blue-Green	Polymer	-
	515	Alignment: Argon	66	60%		Glass	-
	580-590	585nm Ophthalmic	130	25%	Pink	Polymer	-
	567-582	Yellow Diode	147	27%	Blue	Polymer	-
	582-589	Dye	10	35%	Violet	Glass	-
	591-597	Dye laser	124	25%	Light Blue	Polymer	CE
	592-600	Dye	105	24%	Blue	Polymer	-
	614-666	Red Diode	118	21%	Light Blue	Polymer	-
	532 & 660	Green & Red Diodes	144	18%		Polymer	-
	610-695	PDT	116	18%	Blue	Polymer	CE
	630-650	Alignment: HeNe	152	40%	Light Blue	Polymer	-
	670	Alignment: 670nm Diode	153	62%	Light Blue	Polymer	-
	625-680	Alignment: Red Diodes	135	52%	Aqua	Polymer	CE
	625-800	Low level lasers	117	10%	Red	Polymer	-
	681-789	Ruby Plus	115	16%	Violet	Polymer	CE
	655-905	Low level lasers	160	28%	Green	Polymer	CE
	600-1064	Low level lasers	128	12%	Blue	Polymer	CE
	705-810	Alexandrite	106	35%	Dark Pink	Polymer	CE
	745-765	Alexandrite	129	60%	Yellow-Green	Polymer	CE
	755-855	Alexandrite, Diode lasers	104	45%	Light Magenta	Polymer	CE
	755-855	Femtosecond Diode	300	45%	Light Magenta	Polymer	CE
	750-860	Alexandrite, Diode lasers	119	24%	Magenta	Polymer	-
IR	800-830	Diode 800nm, HT Filter	121	72%	Light Yellow-Green	Polymer HT	CE
	800-830 & 2700-3000	Diode 800nm, Erbium, HT Filter	131	72%	Yellow	Polymer HT	CE
	755-3000	Alexandrite, Diode, YAG, Ho, Er	40	72%	Light Gray	Crystal Clarity	CE
	755 & 800-1064	Alexandrite, Diode & YAG	132	37%	Green	Polymer	CE
	800-1800	Telecom, Diode	107	16%	Green	Polymer	CE
	910-1500	YAG, Ho, Er, CO <sub>2</sub>	16	70%	Light Gray	Glass	CE
	980-1700	Telecom, Diode	94	80%	Light Gray	Glass	-
	810-1080	YAG, Diodes, HT Filter	137	68%	Lime	Polymer HT	CE
	925-1064	YAG, Diodes	42	80%	Clear	Crystal Clarity	CE
	1064-2940	YAG, Ho, Er	96	75%	Light Gray	Glass	CE
	800-1070	YAG, CO <sub>2</sub>	101	52%	Yellow-Green	Polymer	CE
	755-1064	GaAs, Ti, YAG, CO <sub>2</sub>	108	32%	Green	Polymer	CE
	BROADBAND	800-1064 & 630-650	YAG, HeNe	157	37%		Polymer
980-2100		YAG, Ho, Er	95	75%	Light Gray	Glass	-
750-1350		Alexandrite, Ti, YAG, CO <sub>2</sub>	70	50%	Aqua	Glass	CE
694-1320		Ruby, Alexandrite, YAG, CO <sub>2</sub>	45	36%	Green	Glass	-
980-10600		High powered Nd:YAG lasers	06	72%	Light Gray	Glass	-
1050-1064		YAG & Harmonics	33	40%	Orange	Glass	-
532 & 1050-164		Alignment: 532nm, YAG/Harmonics	55	32%	Orange	Glass	-
200-532, 800-1070		YAG & Harmonics, OD 7	102	40%	Light Brown	Polymer	CE
200-532, 850-1070		YAG & Harmonics, Alignment: 532nm	155	40%	Amber	Polymer	CE
532 & 1064		YAG & Double Harmonic	200	50%	Clear	Crystal Clarity	CE
200-532, 735-810, 1064		YAG, Alex, Diode, KTP	159	20%	Brown	Polymer	-
750-1050		Broadband	29	9%	Brown/Orange	Glass	-
200-532, 700-1064		Argon, Ti, Diodes, YAG, CO <sub>2</sub>	111	14%	Brown	Polymer	CE
200-532, 770-1070		Diode 800nm, YAG, Alignment: 532nm	136	23%	Brown	Polymer	-
200-532 & 800-1080		Femtosecond YAG & Harmonics	123	14%	Brown	Polymer	CE
FAR IR	2700-3000	Erbium	109	90%	Clear	Polymer	CE
	5000-11100	CO <sub>2</sub>	100	89%	Clear	Polymer	CE
	10600	CO <sub>2</sub>	19	90%	Clear	Glass	-



SPERIAN Protection Americas, Inc.  
900 Douglas Pike  
Smithfield, RI 02917  
Tel: 800 343-3411  
Fax: 800 322-1330  
[www.sperian.com](http://www.sperian.com)

# SAFETY PRODUCTS CATALOG 2010



**INDUSTRIAL SAFETY GROUP**

**SPERIAN**  
Protection you can trust



## SPERIAN VISION SCREENER MODEL COMPARISON

Model Features	Titmus V4	Titmus i400	Titmus V3	Titmus V2
Membrane Control Panel	•	•	•	
Built-In Membrane Switches				•
Natural Line of Sight Testing		•		
Electronic Pointing System			•	
Ergonomics (Height Adjustment)	•	•	•	•
New Fluorescent Light Source	•	•	•	•
Portability	•	•	•	•
Soft Foam Headrest	•	•	•	•
Head Positioning Sensor	•	•	•	
Peripheral Vision Testing	•	•		•
Test Slide Advance/Reverse	Automatic	Automatic	Automatic	Manual
Night Vision Testing	•	•		
Carrying Case (Soft-Sided)	Optional	Optional	Standard	Optional
Standard Accessories	•	•	•	•

# Sperian Vision Screeners

## VISION SCREENING PRODUCTS

A Sperian predecessor set the standard for vision screening instruments in 1959 with the introduction of the OV7 model vision screener. Often referred to as the “Titmus,” the older OV7 model as well as the later-generation Titmus2, are still in use in many industrial locations, optical practices, as well as schools nationwide. As the market leader, Sperian has developed the new Titmus VSeries™ of vision screeners. These are ergonomically-designed, precision-built stereoscopic instruments providing precise and prompt measurement of visual performance. The screeners are engineered for accuracy, validity, and reliability of the test results, with emphasis on convenience and ease of administration.



### What is Vision Screening?

Vision Screening is an efficient, practical and economical process to increase safety and productivity. A vision screener provides benefits to both employees and employers. It provides the employer with knowledge for proper selection and placement of employees leading to better quality, improved productivity and fewer accidents. In addition, employees benefit from improved vision which allows them to do a better job, experience less eye fatigue and possibly lead to early detection of pathological conditions.

### NEW! The Next Generation of Premium Vision Screening.

The Titmus VSeries™ family of vision screening instruments features an ergonomic design for patient comfort, standardized test illumination and an integrated handle for ease of transport. All models in the Titmus VSeries family combine a variety of vision screening tests like visual acuity, binocularity, color and depth perception, muscle balance, astigmatism and peripheral vision to meet your vision screening requirements.

For more information, please call us at 1-800-446-1802 (international customers, +1-804-452-5200)

[www.sperian.com](http://www.sperian.com)



SPERIAN Protection Americas, Inc.  
900 Douglas Pike  
Smithfield, RI 02917  
Tel: 800 343-3411  
Fax: 800 322-1330  
[www.sperian.com](http://www.sperian.com)

# SAFETY PRODUCTS CATALOG 2010



**INDUSTRIAL SAFETY GROUP**

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## SPERIAN RESPIRATORY PROTECTION TABLE OF CONTENTS

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**⚠ WARNING!** Spierian® respiratory equipment should only be used in conjunction with the manufacturer's instructions. Failure to follow such instructions could result in serious injury, illness or fatality.



# Sperian Respiratory Protection

## SPERIAN RESPIRATORY PROTECTION USA

As a leading manufacturer of respiratory protection products, Sperian Respiratory Protection has been protecting workers against respiratory hazards in many different environments around the world for over 100 years. We've merged several well-known respiratory brands and grown from a prominent manufacturer of self-contained breathing apparatus (SCBA) to our present status as the total respiratory solution. Sperian is recognized as a worldwide leader in the Personal Protective Equipment (PPE) industry.



### Sperian® – The Complete Respiratory Solution

The Respiratory Protection product range offered by Sperian Respiratory Protection covers a wide assortment of needs for workers at risk, in industries such as chemicals and paint, first responder services, pandemic preparedness services, fire fighting, police, military, medical, mining, welding and many more. Sperian offers an extensive and complete product line that includes: disposable filtering facepieces, disposable elastomeric half masks, reusable half masks, full facepiece respirators, powered air purifying respirators (PAPR), continuous flow supplied air respirators (CF-SAR), pressure demand supplied air respirators (PD-SAR), and self-contained breathing apparatus (SCBA) equipment. Sperian has a respiratory solution for any respiratory need.

## Disposable Respirators



14110324

### SAF-T-Fit® Flat Folds: N9510F/N9520F

- Flat Fold N95 respirator for use with particulate aerosols free of oil
- Boomerang nose seal is adjustable for added comfort and a secure fit
- Nose clip is color-coded for visible size recognition
- Offered in valved and non-valved
- Spring-open design for quick donning
- Latex free



14110321

Item #	Style #	Size	Description
14110321	N9510FM	Medium	Flat Fold, N95 w/Boomerang Nose Seal
14110324	N9520FM	Medium	Flat Fold, N95 w/Boomerang Nose Seal and Exhalation Valve

### Selecting and Using Particulate Filter Disposable Respirators

#### Filter Categories

There are nine filter categories for particulate respirators. Consisting of three filter classes (N, R, P) at three filter efficiencies (95%, 99%, 99.97%).

**N-class** particulate respirators are approved for solid and liquid particulates, excluding oils.

**R-class** is for both oil and non-oil solid and liquid particulates, with a maximum 8-hour or one shift use restriction when used for oil mists.

**P-class** respirators are approved for both oil and non-oil particulates and have no time use restriction.

### ONE-Fit™ W1400 N95 Flat Fold Particulate Respirator

- Meets NIOSH and CDC Standards for N95 protection against M. tuberculosis
- Bonded wire nose clip can be easily molded to nose for increased fit
- Foam nose seal provides added comfort
- Lightweight materials allow for longer wear times with less wearer fatigue
- Single, continuous loop elastic strap provides for both lower and upper headband support
- When donned, the W1400 offers a large cone for easier and cooler breathing



Item #	Style #	Size	Description
14110452	W1400	1 Size	Flat Fold, N95

### ONE-Fit™ NBW95 and NBW95V Molded Cup Particulate Respirators

- Exclusive design and shape that contours with the natural shape of the face
- 95% filtration efficiency against solid particulates and non-petroleum based liquid aerosols
- Strong and rigid outer shell prevents mask from collapse in high humidity or moist environments
- Contoured mask fits with the natural shape of the face minimizing pressure points
- Molded nose bridge, comfortably fits a variety of face shapes and sizes
- Dual welded head straps keep the respirator comfortably on the user's face



14110444

14110445

Item #	Style #	Size	Description
14110444	NBW95	1 Size	Molded Cup, N95 Non-Valved
14110445	NBW95V	1 Size	Molded Cup, N95 Valved

For more size options, see full line SKU listing on page 134.

For more information or to order products on this page, please call Customer Care at 800 430-5490.

# Disposable Respirators

## SAF-T-Fit® Plus

- Nose clip is color-coded for visible size recognition
- N95, N99, P95 or P100 protection to choose from
- Molded cup design
- Low breathing resistance
- Incorporates humidity-resistant filter media
- Durable suspension straps
- Latex free



N1139

N1105

Item #	Style #	Filtration	Description
<b>Size: Medium/Large</b>			
14110388	N1105 M/L	N95	N95 Basic
14110391	N1115 M/L	N95	Boomerang Nose Seal
14110394	N1125 M/L	N95	Boomerang Nose Seal, Exhalation Valve
14110397	N1125-OV M/L	N95	Boomerang Nose Seal, Exhalation Valve, Nuisance OV
14110400	N1125-AG M/L	N95	Boomerang Nose Seal, Exhalation Valve, Nuisance AG
14110403	N1139 M/L	N99	Full Face Seal, Adjustable Straps, Exhalation Valve
14110426	P1115 M/L	P95	Boomerang Nose Seal
14110428	P1135 M/L	P95	Full Face Seal, Adjustable Straps, Exhalation Valve
14110430	P1135-1 M/L	P95	Full Face Seal, Adjustable Straps, Exhalation Valve, Nuisance OV
14110440	P1130	P100	Full Face Seal, Adjustable Straps, Exhalation Valve

## Nuisance Disposable Dust Mask

- Basic protection against non-toxic dust, pollen, mold and dander (provides no respiratory protection)
- Adjustable nose bridge clip offers a secure fit
- One size fits most face shapes and sizes

Item #	Style #	Size	Description
14110094CC	CP1000VP	1 Size	Nuisance Disposable Dust Mask



## NIOSH-Approved Protection Categories:

**N95** = 95% particulate efficiency against oil-free particulates

**N99** = 99% particulate efficiency against oil-free particulates

**P95** = 95% particulate efficiency against aerosols containing oil

**P100** = 99.97% particulate efficiency against oil and non-oil based particulates

For more size options, see full line SKU listing on page 134.

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Disposable Respirators



### HC-NB295F

- Lightweight and thin construction flat fold, with a soft inner layer designed for comfort and convenience
- Elastic head straps are sonic welded to inside of the outer layers
- Latex-free and silicone-free construction
- Masks are individually bagged to keep from soiling and contamination
- Tear-away section on the bag for easy opening
- Dispenser style box with tear-out/cut-out panel for ease of access

Item #	Style #	Size	Description
14110451	HC-NB295F	1 Size	Flat Fold Surgical Respirator

### HC-NB095

- Lightweight and rigid outer shell that resists collapsing
- Molded cup mask contours with the natural shape of a face, minimizing pressure points
- Soft inner layer designed for comfort and convenience
- Inner layer ultrasonically welded to outer shell
- Latex-free and silicone-free construction
- Bagged into a single plastic sleeve to protect from exposure and contamination when the box is opened
- Plastic sleeve bag with a tear-away portion for easy opening



Item #	Style #	Size	Description
14110446	HC-NB095	1 Size	Molded Cup Surgical Respirator

### ONE-Fit™ Healthcare N95 Flat Fold and Molded Cup Disposable Surgical Respirators

#### HC-NB095 and HC-NB295F Protection:

- Universal, one-size surgical respirator designed to fit most face sizes and shapes
- NIOSH-approved as an N95 particulate respirator
- Meets CDC guidelines for *M. tuberculosis* exposure control
- Ranks as “high barrier” class 160 mmHg in conformance to ASTM F1862 requirements for fluid penetration and splash resistance
- Reduces the transfer of microorganisms and other airborne particulate matter
- Designed for the healthcare setting and use in emergency rooms, operating rooms and intensive care units
- Proprietary technology that makes the mask incredibly lightweight
- Provides >99.9% (BFE) Bacterial Filtration Efficiency
- Offers >95.5% (PFE) Particle Filtration Efficiency
- Offers >99.9% (VFE) Viral Filtration Efficiency



For more size options, see full line SKU listing on page 134.

For more information or to order products on this page, please call Customer Care at 800 430-5490.

# Disposable Respirators

## Air Hoods

- Provides coverage of the head, face and shoulders (provides no respiratory protection)
- Large interior cavity accommodates the use of a respirator in conjunction with the hood
- Disposable, no need to decontaminate
- Breathable cloth material and integrated visor for comfort (#14530001)
- Tyvek® material for durability and to prevent absorption of sprayed substance (#14530002 and 14530005)



Item #	Description
14530001	Cotton Twill Hood with Visor
14530002	Tyvek Hood for Use with Hard Hat
14530005	Tyvek Hood with Adjustable Headgear

## Freedom® Disposable Respirator

- Pre-assembled with cartridges for convenience and eliminates assembly mistakes
- Rolled edges, broad sealing flange, chin port and forward angled nosepiece provide secure, comfortable fit
- Sliding suspension for easy donning
- Low-profile nose bridge accommodates eyewear
- Use until cartridges are expended then simply throw away
- Packaged in a resealable bag to protect the respirator from contamination when not in use
- 1 mask per bag



Item #	Style #	Size	Description
14150087	2208	Medium	UNI-SORB Multi-Contaminant Respirator
14150002	2201	Medium	Organic Vapor Respirator
14130476	221R95	Medium	Organic Vapor Respirator w/R95
14150014	2205	Medium	Organic Vapor and Acid Gas Respirator
14150097	2210P100	Medium	P100 Respirator
14150090	2218P100	Medium	UNI-SORB and P100 Respirator



For more information, visit [sperian.com](http://sperian.com).

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Reusable Respirators

### Half-Mask Respirators

Multiple options to choose from – economy to premium masks. All are available in multiple sizes for a wide range of fit.



### Economy

#### Survivair VALUAIR® Plus

- Thermoplastic elastomer facepiece
- Soft-sealing flange and forward angled nosepiece easily accommodate eyewear
- Perspiration port reduces facepiece slippage and skin irritation
- Facepiece replacement parts are available
- Compatible with S-Series or T-Series filters and cartridges

Item #	Size	Description
302500	Medium	Survivair VALUAIR Plus S-Series, Basic Facepiece Assembly
302000	Medium	Survivair VALUAIR Plus T-Series, Basic Facepiece Assembly
302110	Medium	Survivair VALUAIR Plus T-Series, Respirator w/Organic Vapor/N95
302120	Medium	Survivair VALUAIR Plus T-Series, Respirator w/Organic Vapor/R95

### Standard

#### Survivair Blue 1™

- Dual flange silicone provides a more comfortable and secure fit
- Available with an optional speaking diaphragm for improved communication
- Continuous Flow SAR adapter kit available
- Compatible with S-Series filters and cartridges
- Packaged in a resealable bag to protect the respirator from contamination when not in use



Item #	Size	Description
B220000	Medium	Survivair Blue 1 S-Series, Basic Assembly
B220010	Medium	Survivair Blue 1 S-Series, Assembly w/Speaking Diaphragm

### Cartridge and Filter Offering

Sperian has two connecting systems for filters and cartridges. As indicated by the icons below, half mask and full facepiece respirators are compatible with either the S-Series (screw-on) or the T-Series (twist lock) or both types of filters and cartridges (not interchangeable).

#### Threaded Cartridges

This icon indicates selected Sperian® products that will accept S-Series (screw-on) cartridges.

- Threads easily for tightening cartridge on seal.

#### Bayonet Cartridges

This icon indicates selected Sperian® products that will accept T-Series (twist lock) cartridges.

- Audible click indicating positive lock on connector.

For more size options, see full line SKU listing on pages 134–135.

For more information or to order products on this page, please call Customer Care at 800 430-5490.



# Reusable Respirators

## Survivair 2000™

- Head harness designed to reduce facepiece slippage
- Silicone facepiece construction is lightweight and durable
- Rear split strap for easy donning and better support
- Easily converts to belt-mounted PAPR or CF-SAR
- Compatible with S-Series filters and cartridges



Item #	Size	Description
B260000	Medium	Survivair 2000 S-Series, Basic Assembly

## Survivair 2000™ Belt Mount

- Belt mounted APR for welding applications
- Fits easily under welding helmets
- Cartridges are worn on belt for less head weight and bulk
- High-quality breathing hose assembly
- Compatible with S-Series filters and cartridges

Item #	Size	Description
260050	Medium	Survivair 2000 S-Series, Belt-Mount Assembly w/Breathing Hose and Belt-Mounted Plenum



## Air Purifying Respirators

Sperian Respiratory Protection offers an extensive line of reusable Air Purifying Respirators for all applications, without compromising your respiratory budget.

### Reusable APR Suggested Applications:

- Automotive
- Chemical Manufacturing
- Lead and Asbestos Abatement
- Painting/Paint Spraying
- Pesticide Spraying
- Petrochemical Situations
- Pharmaceutical
- Primary Metals
- Woodworking



### When choosing an Air Purifying Respirator, follow these simple steps:

- 1. Select a Facepiece**  
Half-Mask Respirator/Full Facepiece Respirator
- 2. Select Accessories**
- 3. Select a Cartridge Type**  
S-Series (screw-on)/T-Series (twist lock)
- 4. Select a Filter**  
N95/N99/R95/P100
- 5. Select a Filter Base**  
S-Series (screw-on)/T-Series (twist lock)
- 6. Select a Filter Retainer**  
S-Series (screw-on)/T-Series (twist lock)

## Reusable Respirators

### Standard

#### Survivair PREMIER®

- Large inhalation port offers low breathing resistance
- Perspiration port reduces facepiece slippage and skin irritation
- Low-profile nosepiece allows for compatibility with eyewear
- Headstraps adjust at the crown for a more customizable fit
- Available with rubber headstraps for those who decontaminate regularly
- Rear split strap for better support with retainer clips to hold excess straps in place
- Compatible with S-Series or T-Series filters and cartridges



Item #	Size	Description
312500	Medium	Survivair PREMIER S-Series, Basic Assembly w/Elastic Headstraps
312510	Medium	Survivair PREMIER S-Series, Basic Assembly w/Rubber Headstraps
312000	Medium	Survivair PREMIER T-Series, Basic Assembly w/Elastic Headstraps
312010	Medium	Survivair PREMIER T-Series, Basic Assembly w/Rubber Headstraps
312110	Medium	Survivair PREMIER T-Series, Respirator w/Organic Vapor/N95
311130	Medium	Survivair PREMIER T-Series, Respirator w/Organic Vapor/R95
312820	Medium	Survivair PREMIER T-Series, Respirator w/Unisorb/R95

### Premium

#### Survivair PREMIER® Plus

- Triple flange design provides added sealing security
- Silicone facepiece construction is lightweight and durable
- Wide, wraparound, pleated silicone facepiece fits a large variety of facial types
- Strategic lateral placement of inhalation valves and cartridge ports enhances field of vision
- Yoke strap is contoured to match the skirt shape for even pressure point placement
- Cradle and straps are wider to assist in weight distribution for enhanced comfort
- Rear split strap for better support with retainer clips to hold excess straps in place
- Compatible with S-Series or T-Series filters and cartridges

Item #	Size	Description
322500	Medium/Large	Survivair PREMIER Plus S-Series, Basic Assembly
322510	Medium/Large	Survivair PREMIER Plus S-Series, Respirator w/Organic Vapor/N95
322000	Medium/Large	Survivair PREMIER Plus T-Series, Basic Assembly
322020	Medium/Large	Survivair PREMIER Plus T-Series, Organic Vapor/R95



For more size options, see full line SKU listing on page 135.

For more information or to order products on this page, please call Customer Care at 800 430-5490.



# Reusable Respirators

## Full Facepiece Respirators

### Survivair Opti-Fit™ APR

- Choose from a 5-point strap or industrial mesh headnet to fit your comfort and needs
- Silicone skirt offers exceptional durability and comfort
- All straps are attached to the rim of the facepiece, rather than the silicone skirt, to reduce pressure points and distortion of the sealing surface when tightened
- Replaceable, high impact resistant polycarbonate lens treated with anti-scratch coating
- Mask designed with a wide viewing area offering distortion free visibility and optical clarity
- Molded-in speaking diaphragm provides improved audio transmission for communication
- Available in 3 sizes for wide range of fit
- Compatible with S-Series or T-Series filters and cartridges



Item #	Size	Description
762000	Medium	Survivair Opti-Fit APR S-Series, 5-Strap Suspension
762100	Medium	Survivair Opti-Fit APR S-Series, Mesh Headnet
768000	Medium	Survivair Opti-Fit APR T-Series, 5-Strap Suspension
768100	Medium	Survivair Opti-Fit APR T-Series, Mesh Headnet

### Survivair Opti-Fit™ Conversion Kits and Accessories

Item #	Description
981415	Continuous Flow SAR Conversion Kit (Survivair Opti-Fit APR to CF SAR) w/Tube
981416	Continuous Flow SAR Conversion Kit (Survivair Opti-Fit APR to CF SAR) w/Upgraded Tube

### NEW! Opti-Fit™ Convertible

- The Survivair Opti-Fit convertible full facepiece respirator is NIOSH approved for various respiratory applications: APR, PAPR or CF-SAR
- Simply use the facepiece caps with the appropriate ports to convert applications
- Only one fit test needed for APR, PAPR and CF-SAR applications saving on inventory, time and cost

Item #	Size	Description
<b>Survivair Opti-Fit Convertible Facepiece</b>		
764000	Medium	Survivair Opti-Fit Convertible APR, 5-Strap Suspension
764100	Medium	Survivair Opti-Fit Convertible APR, Mesh Headnet
<b>Survivair Opti-Fit CF-SAR</b>		
981501	Medium	Survivair Opti-Fit, 5-Pt. Strap, CF-SAR Assembly, Front Port
981551	Medium	Survivair Opti-Fit, Mesh Headnet, CF-SAR Assembly, Front Port
981209		CF-SAR Front Port Kit with P100 Egress, No Facepiece
<b>Survivair Opti-Fit PAPR</b>		
520600	Medium	Survivair Opti-Fit, 5-Pt. Strap, Mask-Mounted PAPR
520620	Medium	Survivair Opti-Fit, Mesh Headnet, Mask-Mounted PAPR
540610	Medium	Survivair Opti-Fit, 5-Pt. Strap, Belt-Mounted PAPR
541610	Medium	Survivair Opti-Fit, Mesh Headnet, Belt-Mounted PAPR
500085		Belt-Mounted PAPR Blower and Battery Kit

The Sperian® full facepiece category is designed to provide excellent protection, clarity and comfort.



For more size options, see full line SKU listing on page 135.

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Reusable Respirators



### Full Facepiece Respirators

#### Survivair Opti-Fit™ CBRN Gas Mask

- Durable, chemical-resistant butyl rubber face skirt
- Optional hydration drink tube allows for quick hydration
- Superior field of vision offers an unobstructed view in critical situations where vision is essential
- Anti-scratch coated polycarbonate lens provides excellent optics and vision
- Three-position canister mounting adaptable for various applications (right, left and front mount)
- DIN-threaded 40 mm connectors make attaching and removing canisters to the front or on either side of the facepiece quick and easy
- NIOSH CBRN approved with the model 1690 CBRN canister (NIOSH Cap-1 approved, # TC-14G-0272)

Item #	Size	Description
769000	Medium	Survivair Opti-Fit CBRN Gas Mask
769020	Medium	Survivair Opti-Fit CBRN Gas Mask w/Drink Tube
169000	N/A	Survivair Opti-Fit CBRN Canister
168800	N/A	Survivair Opti-Fit CN/CS/P100 Canister



#### Survivair Opti-Fit™ Tactical Gas Mask

- Superior field of vision offers an unobstructed view in critical situations where line-of-sight vision is essential
- Full facepiece constructed of soft silicone for excellent comfort, fit and durability
- 3-position canister mounting adaptable for various applications (right, left and front mount)
- Anti-scratch coated polycarbonate lens provides excellent optics and visual acuity
- 5-strap head harness easily adjusts and secures facepiece into place
- Low breathing resistance
- NIOSH approved with the Model 1688 Canister to provide protection against chloroacetophenone (CN), chlorobenzylidene malononitrile (CS) and includes a P100 filter for use against particulates such as pepper spray

Item #	Size	Description
763000	Medium	Survivair Opti-Fit Tactical Gas Mask
168800	N/A	Survivair NBC Canister (CN/CS/P100)



For more size options, see full line SKU listing on pages 135-136.

For more information or to order products on this page, please call Customer Care at 800 430-5490.

# Reusable Respirators

## Survivair 4000™ APR

- Optional black silicone facepiece for welding (and non-welding) applications
- Welding shield easily clamps onto facepiece lens without the use of tools or mask disassembly
- Converts easily to PAPR or CF-SAR without converter kits (PAPR and CF-SAR parts sold separately)
- Pliable silicone facepiece ensures comfort
- Scratch-resistant lens
- Choice of 4-point or 5-point headstrap
- Compatible with S-Series filters and cartridges



Item #	Size	Description
420010	Standard	Survivair 4000 S-Series, Blue, 4-Pt. Headstrap
420075	Standard	Survivair 4000 S-Series, Blue, 5-Pt. Headstrap, w/Nose Cup
<b>Welding</b>		
420090	Standard	Survivair 4000 S-Series, Black Facepiece, 5-Pt. Headstrap (Use for Welding Applications)
420079	Standard	Survivair 4000 S-Series, Black Facepiece, 5-Pt. Headstrap w/Nose Cup (Use for Welding Applications)
430000		Survivair 4000 Welding Lens Attachment, Shade 10
430030		Survivair 4000 Welding Lens Attachment w/Auto Darkening, Variable Shade 9-12

## SurvivairMAX® APR

- Double-sealing flange for optimum fit
- Optional speech transmission system (note: not compatible with economy)
- High-grade dark blue soft silicone facepiece
- Economy-version also available (note: economy version is a light blue facepiece)
- Choose from Tite-Seal® ratchet, 5-point strap or industrial mesh headnet to fit your comfort and needs
- Distortion-free lens with anti-fog and anti-scratch coatings provides outstanding optical clarity
- Compatible with S-Series or T-Series filters and cartridges



Item #	Size	Description
802500	Medium	SurvivairMAX APR S-Series, Economy Facepiece, 5-Strap
822000	Medium	SurvivairMAX APR T-Series, Facepiece, 5-Strap
852000	Medium	SurvivairMAX APR T-Series, Economy Facepiece, 5-Strap

For more size options, see full line SKU listing on page 136.

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## S-Series (screw-on) Cartridges and Filters

Selection of the appropriate cartridge and filter combination is dependent on a number of factors, including the type of contaminant, the level of exposure, and the length of exposure. Thus, the information on the cartridge/filter pages is presented as an overview only. For full details on cartridge and filter selection, please visit [www.sperian.com](http://www.sperian.com).




HM = Survivair Half Mask  
 FF = Survivair Full Facepiece  
 4000 = Survivair Classic Mask  
 OF = Survivair Opti-Fit  
 Max = SurvivairMAX  
 BM = Survivair Half Mask Belt Mount

### Cartridges

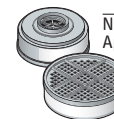
#### S-Series S01

Cartridge	B100100	6/box
	B100144	144/case
NIOSH Approval	TC-23C-287 (HM)	
	TC-23C-351 (4000)	
	TC-23C-1782 (OF, Max)	




#### S-Series S06

Cartridge	B100200	6/box
	B100244	144/case
NIOSH Approval	TC-23C-430 (HM)	
	TC-23C-429 (4000)	
	TC-23C-1783 (OF, Max)	



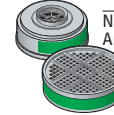
#### S-Series S05

Cartridge	B100300	6/box
	B100344	144/case
NIOSH Approval	TC-23C-318 (HM)	
	TC-23C-454 (4000)	
	TC-23C-1784 (OF, Max)	



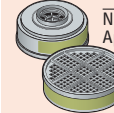
#### S-Series S04

Cartridge	B100400	6/box
	B100444	144/case
NIOSH Approval	TC-23C-422 (HM)	
	TC-23C-423 (4000)	
	TC-23C-1785 (OF, Max)	



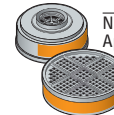
#### S-Series S08

Cartridge	100800	6/box
	100844	144/case
NIOSH Approval	TC-23C-1803 (HM)	
	TC-23C-1806 (OF, Max)	
	TC-23C-1804 (4000)	
	TC-23C-1805 (BM)	



#### S-Series S07

Cartridge	100600	6/box
	100644	144/case
NIOSH Approval	TC-23C-1483 (HM)	
	TC-23C-1786 (4000)	
	TC-23C-1483 (BM)	



### N95 Filters


95% Efficient Against Particulate Aerosols Free Of Oil



Filter Base	B140074	2/pkg
Filter	106010	24/box
Retainer	140170	2/pkg
	140172	50/box
	140173	100/box
NIOSH Approval	TC-84A-1426 (HM)	
	TC-84A-1413 (4000)	
	TC-84A-1419 (OF, Max)	
	TC-84A-1433 (BM)	


#### OV/N95 Filter

Cartridge	B100100	6/box
Filter	106010	24/box
Retainer	140170	2/pkg
NIOSH Approval	TC-84A-1427 (HM)	
	TC-84A-1414 (4000)	
	TC-84A-1420 (OF, Max)	
	TC-84A-1434 (BM)	




#### AG/N95 Filter

Cartridge	B100200	6/box
Filter	106010	24/box
Retainer	140170	2/pkg
NIOSH Approval	TC-84A-1428 (HM)	
	TC-84A-1415 (4000)	
	TC-84A-1421 (OF, Max)	
	TC-84A-1435 (BM)	




#### OV/AG/N95 Filter

Cartridge	B100300	6/box
Filter	106010	24/box
Retainer	140170	2/pkg
NIOSH Approval	TC-84A-1429 (HM)	
	TC-84A-1416 (4000)	
	TC-84A-1422 (OF, Max)	
	TC-84A-1436 (BM)	




#### AM/MA/N95 Filter

Cartridge	B100400	6/box
Filter	106010	24/box
Retainer	140170	2/pkg
NIOSH Approval	TC-84A-1430 (HM)	
	TC-84A-1417 (4000)	
	TC-84A-1423 (OF, Max)	
	TC-84A-1437 (BM)	




#### MC/N95 Filter

Cartridge	100800	6/box
Filter	106010	24/box
Retainer	140170	2/pkg
NIOSH Approval	TC-84A-1432 (HM)	
	TC-84A-1418 (4000)	
	TC-84A-1425 (OF, Max)	
	TC-84A-1439 (BM)	



#### MV/CL/N95 Filter

Cartridge	100600	6/box
Filter	106010	24/box
Retainer	140170	2/pkg
NIOSH Approval	TC-84A-1431 (HM)	
	TC-84A-1424 (OF, Max)	
	TC-84A-1438 (BM)	



### Gas/Vapor Protection

#### OV – Organic Vapors

Approved for use against Organic Vapors

#### AG – Acid Gases

Approved for use against Chlorine, Hydrogen Chloride, Sulfur Dioxide, Formaldehyde

#### OV/AG – Organic Vapors/Acid Gases

Approved for use against Organic Vapors, Chlorine, Hydrogen Chloride, Sulfur Dioxide, Chlorine Dioxide, Hydrogen Fluoride, Hydrogen Sulfide (Escape)

#### AM/MA – Ammonia/Methylamine

Approved for use against Ammonia, Methylamine

#### MC – Multi-Contaminant

Approved for use against Organic Vapors, Ammonia, Methylamine, Chlorine, Hydrogen Chloride, Sulfur Dioxide, Chlorine Dioxide, Hydrogen Fluoride, Hydrogen Sulfide (Escape), Formaldehyde, Nitrogen Dioxide

#### MV/CL – Mercury Vapor or Chlorine

Approved for use against Mercury, Chlorine Vapor

[www.sperian.com](http://www.sperian.com)

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## S-Series (screw-on) Cartridges and Filters

### N99 Filters

99% Efficient Against Particulate Aerosols Free Of Oil

Filter Base	B140074	2/pkg
Filter	107010	24/box
Retainer	140170	2/pkg
	140172	50/box
	140173	100/box
NIOSH Approval	TC-84A-1804 (HM)	
	TC-84A-1791 (4000)	
	TC-84A-1797 (OF, Max)	
	TC-84A-1811 (BM)	

#### OV/N99 Filter

Cartridge	B100100	6/box
Filter	107010	24/box
Retainer	140170	2/pkg
NIOSH Approval	TC-84A-1805 (HM)	
	TC-84A-1792 (4000)	
	TC-84A-1798 (OF, Max)	
	TC-84A-1812 (BM)	

#### AG/N99 Filter

Cartridge	B100200	6/box
Filter	107010	24/box
Retainer	140170	2/pkg
NIOSH Approval	TC-84A-1806 (HM)	
	TC-84A-1793 (4000)	
	TC-84A-1799 (OF, Max)	
	TC-84A-1813 (BM)	

#### OV/AG/N99 Filter

Cartridge	B100300	6/box
Filter	107010	24/box
Retainer	140170	2/pkg
NIOSH Approval	TC-84A-1807 (HM)	
	TC-84A-1794 (4000)	
	TC-84A-1800 (OF, Max)	
	TC-84A-1814 (BM)	

#### AM/MA/N99 Filter

Cartridge	B100400	6/box
Filter	107010	24/box
Retainer	140170	2/pkg
NIOSH Approval	TC-84A-1808 (HM)	
	TC-84A-1795 (4000)	
	TC-84A-1801 (OF, Max)	
	TC-84A-1815 (BM)	

#### MC/N99 Filter

Cartridge	100800	6/box
Filter	107010	24/box
Retainer	140170	2/pkg
NIOSH Approval	TC-84A-1810 (HM)	
	TC-84A-1796 (4000)	
	TC-84A-1803 (OF, Max)	
	TC-84A-1817 (BM)	

#### MV/CL/N99 Filter

Cartridge	100600	6/box
Filter	107010	24/box
Retainer	140170	2/pkg
NIOSH Approval	TC-84A-1809 (HM)	
	TC-84A-1802 (OF, Max)	
	TC-84A-1816 (BM)	

### R95 Filters

95% Efficient Against Oil | 99% Efficient Against Non-Oil Based Particulates | Time Use Restrictions Apply For Oil-Based Particulates

Filter Base	B140074	2/pkg
Filter	107010	24/box
Retainer	140170	2/pkg
	140172	50/box
	140173	100/box
NIOSH Approval	TC-84A-1804 (HM)	
	TC-84A-1791 (4000)	
	TC-84A-1797 (OF, Max)	
	TC-84A-1811 (BM)	

#### OV/R95 Filter

Cartridge	B100100	6/box
Filter	107010	24/box
Retainer	140170	2/pkg
NIOSH Approval	TC-84A-1805 (HM)	
	TC-84A-1792 (4000)	
	TC-84A-1798 (OF, Max)	
	TC-84A-1812 (BM)	

#### AG/R95 Filter

Cartridge	B100200	6/box
Filter	107010	24/box
Retainer	140170	2/pkg
NIOSH Approval	TC-84A-1806 (HM)	
	TC-84A-1793 (4000)	
	TC-84A-1799 (OF, Max)	
	TC-84A-1813 (BM)	

#### OV/AG/R95 Filter

Cartridge	B100300	6/box
Filter	107010	24/box
Retainer	140170	2/pkg
NIOSH Approval	TC-84A-1807 (HM)	
	TC-84A-1794 (4000)	
	TC-84A-1800 (OF, Max)	
	TC-84A-1814 (BM)	

#### AM/MA/R95 Filter

Cartridge	B100400	6/box
Filter	107010	24/box
Retainer	140170	2/pkg
NIOSH Approval	TC-84A-1808 (HM)	
	TC-84A-1795 (4000)	
	TC-84A-1801 (OF, Max)	
	TC-84A-1815 (BM)	

#### MC/R95 Filter

Cartridge	100800	6/box
Filter	107010	24/box
Retainer	140170	2/pkg
NIOSH Approval	TC-84A-1810 (HM)	
	TC-84A-1796 (4000)	
	TC-84A-1803 (OF, Max)	
	TC-84A-1817 (BM)	

#### MV/CL/R95 Filter

Cartridge	100600	6/box
Filter	107010	24/box
Retainer	140170	2/pkg
NIOSH Approval	TC-84A-1809 (HM)	
	TC-84A-1802 (OF, Max)	
	TC-84A-1816 (BM)	

### Combined Cartridges with P100 Filters

99.97% Efficient Against All Particulate Aerosols

#### S-Series (micro)

Filter	105005	10/box
	105014	100/case
NIOSH Approval	TC-84A-1239 (HM)	
	TC-84A-1240 (4000)	
	TC-84A-1242 (OF, Max)	
	TC-84A-1241 (BM)	



#### S-Series (slimline)

Filter	119010	20/case
	119044	100/case
NIOSH Approval	TC-84A-3066 (HM)	
	TC-84A-3067 (4000)	
	TC-84A-3072 (OF, Max)	
	TC-84A-3068 (BM)	



#### OV/P100 Filter

Cartridge	105110	4/box
	105114	84/case
NIOSH Approval	TC-84A-0439 (HM)	
	TC-84A-0440 (4000)	
	TC-84A-0877 (OF, Max)	
	TC-84A-2001 (BM)	

#### AG/P100 Filter

Cartridge	105210	4/box
	105214	84/case
NIOSH Approval	TC-84A-0441 (HM)	
	TC-84A-0442 (4000)	
	TC-84A-0878 (OF, Max)	
	TC-84A-2002 (BM)	

#### OV/AG/P100 Filter

Cartridge	105310	4/box
	105314	84/case
NIOSH Approval	TC-84A-0443 (HM)	
	TC-84A-0444 (4000)	
	TC-84A-0879 (OF, Max)	
	TC-84A-0445 (BM)	

#### AM/MA/P100 Filter

Cartridge	105410	4/box
	105414	84/case
NIOSH Approval	TC-84A-0446 (HM)	
	TC-84A-0447 (4000)	
	TC-84A-0880 (OF, Max)	
	TC-84A-2003 (BM)	

#### MC/P100 Filter

Cartridge	105810	4/box
	105814	84/case
NIOSH Approval	TC-84A-1022 (HM)	
	TC-84A-1023 (4000)	
	TC-84A-1024 (OF, Max)	
	TC-84A-2004 (BM)	

#### MV/CL/P100 Filter

Cartridge	105610	4/box
	105614	84/case
NIOSH Approval	TC-84A-0448 (HM)	
	TC-84A-0881 (OF, Max)	
	TC-84A-0449 (BM)	

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For more information or to order products on this page, please call Customer Care at 800 430-5490.

## T-Series (twist lock) Cartridges and Filters

Selection of the appropriate cartridge and filter combination is dependent on a number of factors, including the type of contaminant, the level of exposure, and the length of exposure. Thus, the information on the cartridge/filter pages is presented as an overview only. For full details on cartridge and filter selection, please visit [www.sperian.com](http://www.sperian.com).

### Gas/Vapor Protection

#### OV – Organic Vapors

Approved for use against Organic Vapors

#### AG – Acid Gases

Approved for use against Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Sulfide (Escape), Formaldehyde

#### OV/AG – Organic Vapors/Acid Gases

Approved for use against Organic Vapors, Chlorine, Hydrogen Chloride, Sulfur Dioxide, Chlorine Dioxide, Hydrogen Fluoride, Hydrogen Sulfide (Escape)

#### AM/MA – Ammonia/Methylamine

Approved for use against Ammonia, Methylamine

#### MC – Multi-Contaminant

Approved for use against Organic Vapors, Ammonia, Methylamine, Chlorine, Hydrogen Chloride, Sulfur Dioxide, Chlorine Dioxide, Hydrogen Fluoride, Hydrogen Sulfide (Escape), Formaldehyde

#### ND – Nitrogen Dioxide

Approved for use against Nitrogen Dioxide, Chlorine, Formaldehyde

#### MV/CL – Mercury Vapor or Chlorine

Approved for use against Mercury, Chlorine Vapor

[www.sperian.com](http://www.sperian.com)



HM = Survivair Half Mask  
 FF = Survivair Full Facepiece  
 4000 = Survivair Classic Mask  
 OF = Survivair Opti-Fit  
 Max = SurvivairMAX  
 BM = Survivair Half Mask Belt Mount

### Cartridges

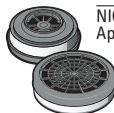
#### T-Series T01

Cartridge	T100100	6/box
	T100144	144/case
NIOSH Approval	TC-23C-737 (HM)	
	TC-23C-1890 (OF, Max)	



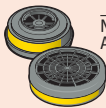
#### T-Series T06

Cartridge	T100200	6/box
NIOSH Approval	TC-23C-741 (HM)	
	TC-23C-1899 (OF, Max)	



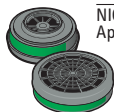
#### T-Series T05

Cartridge	T100300	6/box
	T100344	144/case
NIOSH Approval	TC-23C-736 (HM)	
	TC-23C-1898 (OF, Max)	



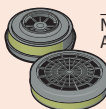
#### T-Series T04

Cartridge	T100400	6/box
NIOSH Approval	TC-23C-735 (HM)	
	TC-23C-1897 (OF, Max)	



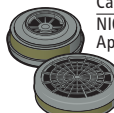
#### T-Series T08

Cartridge	T100800	6/box
	T100844	144/case
NIOSH Approval	TC-23C-1725 (HM)	
	TC-23C-1900 (OF, Max)	



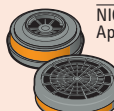
#### T-Series T09

Cartridge	T100900	6/box
NIOSH Approval	TC-23C-2046 (HM)	
	TC-23C-1045 (BM)	



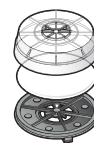
#### T-Series T07

Cartridge	T100600	6/box
NIOSH Approval	TC-23C-1356 (HM)	
	TC-23C-1935 (OF, Max)	



### N95 Filters

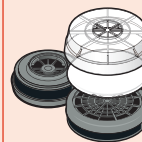
95% Efficient Against Particulate Aerosols Free Of Oil



Filter Base	14900578 (RP21)	10/box
Filter	T106010	24/box
Retainer	14900975 (RP22R)	10/box
NIOSH Approval	TC-84A-628 (HM)	
	TC-84A-2631 (OF, Max)	

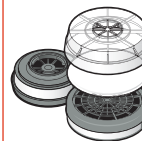
#### OV/N95 Filter

Cartridge	T100100	6/box
Filter	106010	24/box
Retainer	14900975 (RP22R)	10/box
NIOSH Approval	TC-84A-629 (HM)	
	TC-84A-2632 (OF, Max)	



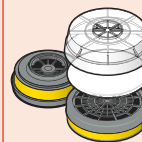
#### AG/N95 Filter

Cartridge	T100200	6/box
Filter	T106010	24/box
Retainer	14900975 (RP22R)	10/box
NIOSH Approval	TC-84A-632 (HM)	
	TC-84A-2635 (OF, Max)	



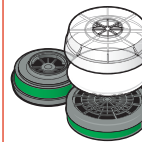
#### OV/AG/N95 Filter

Cartridge	T100300	6/box
Filter	T106010	24/box
Retainer	14900975 (RP22R)	10/box
NIOSH Approval	TC-84A-631 (HM)	
	TC-84A-2634 (OF, Max)	



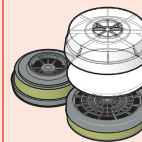
#### AM/MA/N95 Filter

Cartridge	T100400	6/box
Filter	T106010	24/box
Retainer	14900975 (RP22R)	10/box
NIOSH Approval	TC-84A-630 (HM)	
	TC-84A-2633 (OF, Max)	



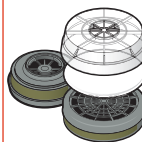
#### MC/N95 Filter

Cartridge	T100800	6/box
Filter	T106010	24/box
Retainer	14900975 (RP22R)	10/box
NIOSH Approval	TC-84A-633 (HM)	
	TC-84A-2636 (OF, Max)	



#### ND/N95 Filter

Cartridge	T100900	6/box
Filter	T106010	24/box
Retainer	14900975 (RP22R)	10/box
NIOSH Approval	TC-84A-3214 (HM)	
	TC-84A-3211 (OF, Max)	



For more information or to order products on this page, please call Customer Care at 800 430-5490.

## T-Series (twist lock) Cartridges and Filters

### N99 Filters

99% Efficient Against Particulate Aerosols Free Of Oil

Filter Base	14900578 (RP21)	10/box
Filter	T117010	24/box
Retainer	14900975 (RP22R)	10/box
NIOSH Approval	TC-84A-733 (HM)	
	TC-84A-2637 (OF, Max)	

#### OV/N99 Filter

Cartridge	T100100	6/box
Filter	T117010	24/box
Retainer	14900975 (RP22R)	10/box
NIOSH Approval	TC-84A-735 (HM)	
	TC-84A-2638 (OF, Max)	

#### AG/N99 Filter

Cartridge	T100200	6/box
Filter	T117010	24/box
Retainer	14900975 (RP22R)	10/box
NIOSH Approval	TC-84A-741 (HM)	
	TC-84A-2641 (OF, Max)	

#### OV/AG/N99 Filter

Cartridge	T100300	6/box
Filter	T117010	24/box
Retainer	14900975 (RP22R)	10/box
NIOSH Approval	TC-84A-739 (HM)	
	TC-84A-2640 (OF, Max)	

#### AM/MA/N99 Filter

Cartridge	T100400	6/box
Filter	T117010	24/box
Retainer	14900975 (RP22R)	10/box
NIOSH Approval	TC-84A-737 (HM)	
	TC-84A-2639 (OF, Max)	

#### MC/N99 Filter

Cartridge	T100800	6/box
Filter	T117010	24/box
Retainer	14900975 (RP22R)	10/box
NIOSH Approval	TC-84A-743 (HM)	
	TC-84A-2642 (OF, Max)	

#### ND/N99 Filter

Cartridge	T100900	6/box
Filter	T117010	24/box
Retainer	14900975 (RP22R)	10/box
NIOSH Approval	TC-84A-3216 (HM)	
	TC-84A-3212 (OF, Max)	

### R95 Filters

95% Efficient Against Oil | Time Use Restrictions Apply For Oil-Based Particulates

Filter Base	14900578 (RP21)	10/box
Filter	T117010	24/box
Retainer	14900975 (RP22R)	10/box
NIOSH Approval	TC-84A-4182 (HM)	
	TC-84A-4124 (OF, Max)	

#### OV/R95 Filter

Cartridge	T100100	6/box
Filter	T117010	24/box
Retainer	14900975 (RP22R)	10/box
NIOSH Approval	TC-84A-4186 (HM)	
	TC-84A-4125 (OF, Max)	

#### AG/R95 Filter

Cartridge	T100200	6/box
Filter	T117010	24/box
Retainer	14900975 (RP22R)	10/box
NIOSH Approval	TC-84A-4186 (HM)	
	TC-84A-4128 (OF, Max)	

#### OV/AG/R95 Filter

Cartridge	T100300	6/box
Filter	T117010	24/box
Retainer	14900975 (RP22R)	10/box
NIOSH Approval	TC-84A-4185 (HM)	
	TC-84A-4127 (OF, Max)	

#### AM/MA/R95 Filter

Cartridge	T100400	6/box
Filter	T117010	24/box
Retainer	14900975 (RP22R)	10/box
NIOSH Approval	TC-84A-4184 (HM)	
	TC-84A-4126 (OF, Max)	

#### MC/R95 Filter

Cartridge	T100800	6/box
Filter	T117010	24/box
Retainer	14900975 (RP22R)	10/box
NIOSH Approval	TC-84A-4187 (HM)	
	TC-84A-4129 (OF, Max)	

#### ND/R95 Filter

Cartridge	T100900	6/box
Filter	T117010	24/box
Retainer	14900975 (RP22R)	10/box
NIOSH Approval	TC-84A-4232 (HM)	
	TC-84A-4181 (OF, Max)	

#### MV/CL/R95 Filter

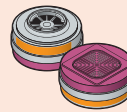
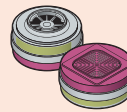
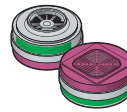
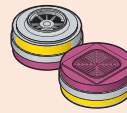
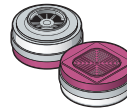
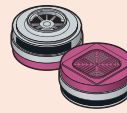
Cartridge	T100600	6/box
Filter	T117010	24/box
Retainer	14900975 (RP22R)	10/box
NIOSH Approval	TC-84A-4231 (HM)	
	TC-84A-4179 (OF, Max)	

### Combined Cartridges with P100 Filters

99.97% Efficient Against All Particulate Aerosols

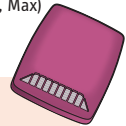
#### P100 Filters

Filter	T105005	10/box
	T105014	100/case
NIOSH Approval	TC-84A-236 (HM)	
	TC-84A-2649 (OF, Max)	



#### T-Series (low profile)

Filter	T108010	10/box
	T108014	100/case
NIOSH Approval	TC-84A-2904 (HM)	
	TC-84A-1905 (OF, Max)	



#### OV/P100 Filter

Cartridge	T105110	4/box
	T105114	84/case
NIOSH Approval	TC-84A-238 (HM)	
	TC-84A-2650 (OF, Max)	

#### AG/P100 Filter

Cartridge	T105210	4/box
NIOSH Approval	TC-84A-244 (HM)	
	TC-84A-2653 (OF, Max)	

#### OV/AG/P100 Filter

Cartridge	T105310	4/box
	T105314	84/case
NIOSH Approval	TC-84A-242 (HM)	
	TC-84A-2652 (OF, Max)	

#### AM/MA/P100 Filter

Cartridge	T105410	4/box
NIOSH Approval	TC-84A-240 (HM)	
	TC-84A-2651 (OF, Max)	

#### MC/P100 Filter

Cartridge	T105810	4/box
	T105814	84/case
NIOSH Approval	TC-84A-246 (HM)	
	TC-84A-2654 (OF, Max)	

#### ND/P100 Filter

Cartridge	T105910	4/box
NIOSH Approval	TC-84A-3232 (HM)	
	TC-84A-3231 (OF, Max)	

#### MV/CL/P100 Filter

Cartridge	T105610	4/box
NIOSH Approval	TC-84A-2982 (HM)	
	TC-84A-2984 (OF, Max)	

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## Escape Solutions



### Survivair Mouthbit

- Provides filtered air in acid gas emergency escape situations
- Unit can be donned in ten seconds or less
- Low breathing resistance
- Mouthpiece and nose clip made of soft, pliable material
- Breakaway lanyard included

Item #	Description
600200	Survivair Acid Gas Mouthbit Respirator
600250	Nylon Carrying Pouch



### Survivair Escape Breathing Apparatus (EBA)

- EBA-5/10 is composed of a refillable cylinder
- Features a valve and pressure gauge assembly, breathing tube, protective air hood, and regulator assembled in a carry pouch for added convenience
- Fits easily over eyeglasses, beards, and hard hats
- Elastic drawstring provides a secure neck seal for minimum leakage and maximum protection

Item #	Description
975080	Survivair 5-Minute Escape Breathing Apparatus (EBA-5)
975090	Survivair 10-Minute Escape Breathing Apparatus (EBA-10)
975190	Survivair 5-Minute High-Flow Escape Breathing Apparatus (EBA-HF5)

## Powered Air Purifying Respirators (PAPR)



### Mask-Mounted PAPR

- Lightweight unit will not slow worker efficiency
- Low-cost high-efficiency (HE) filter that consolidates inventory and reduces inventory costs
- Battery pack is water resistant and contoured for wearer comfort, with an automatic resetting circuit protector requiring no fuses, which protects against battery short circuits
- Silicone facepiece offers high durability and unmatched comfort
- Long-lasting battery pack with trouble-free recharging
- Full facepiece easily convertible to negative pressure Air Purifying or Continuous Flow SAR
- Includes: facepiece, blower, battery charger, power cord, HE filter, belt and air flow tester

Item #	Size	Description
520600	Medium	Survivair Opti-Fit Mask Mounted PAPR, Facepiece w/5-Pt. Headstrap, Battery and Blower
520620	Medium	Survivair Opti-Fit Mask Mounted PAPR, Facepiece w/Mesh Headnet, Battery and Blower
520015	Standard	Survivair 4000 Mask Mounted PAPR, Facepiece w/5-Pt. Headstrap, Battery and Blower

#### Accessories

108000	Survivair PAPR Filter, High Efficiency (HE) (Box of 4 Filters)
108044	Survivair PAPR Filter, High Efficiency (HE) (Bulk Pack - Case of 84 Filters)



# Powered Air Purifying Respirators (PAPR)

## Belt-Mounted PAPR

- Choice of silicone full facepiece, silicone half mask, or Tyvek® single bib hood
- Low-cost high-efficiency (HE) filter that consolidates inventory and reduces inventory costs
- Battery pack is water resistant and contoured for wearer comfort, with an automatic resetting circuit protector requiring no fuses, which protects against battery short circuits
- Battery pack, blower kit and filters fit comfortably on wearer's hips
- Efficient motor provides high air flow rate
- Long-lasting battery pack with trouble-free recharging
- Blower kit and high efficiency filters sold separate

Item #	Size	Description
540610	Medium	Survivair Opti-Fit PAPR Facepiece Kit w/5-Pt. Strap for Belt-Mounted Blower and Battery
541610	Medium	Survivair Opti-Fit PAPR Facepiece Kit w/Mesh Headnet for Belt-Mounted Blower and Battery
540083	Standard	Survivair 4000 PAPR Facepiece Kit w/5-Pt. Strap for Belt-Mounted Blower and Battery
560085	Medium	Survivair 2000 PAPR Facepiece Kit for Belt-Mounted Blower and Battery
500085	1 Size	Belt-Mounted PAPR Blower and Battery Kit Assembly
590085	1 Size	Tyvek Single Bib Hood
<b>Accessories</b>		
108000		PAPR Filter, High Efficiency (HE) (Box of 4 Filters)
108044		PAPR Filter, High Efficiency (HE) (Bulk Pack - Case of 84 Filters)



## High Efficiency (HE) Powered Air Purifying Respirators

Sperian has developed a line designed to be economical and durable without compromising user comfort or protection.

Choose between a mask-mounted PAPR system or a belt-mounted PAPR system dependent on your applications and needs.

## NEW! SC420 CBRN PAPR

- Optically true facepiece with greater peripheral vision and unobstructed view
- Blower unit based on the C420 blower design being used by 50,000 military personnel
- EPDM breathing hose is resistant to the harshest of chemical agents and nuclear debris
- Three separate power supply options, all hot-swappable
- D-cell alkaline battery holder pack, rechargeable NiMH battery or Lithium battery
- Canisters provide respiratory protection against chemical, biological and nuclear agents
- Meets and exceeds NIOSH CBRN APR/PAPR requirements
- Successfully tested against numerous CBRN agents

Item #	Size	Description
769500	Medium	Survivair Opti-Fit CBRN w/Kevlar Headnet
769520	Medium	Survivair Opti-Fit CBRN w/Kevlar Headnet, Drinking Tube
769000	Medium	Survivair Opti-Fit CBRN w/5-Pt. Strap
769020	Medium	Survivair Opti-Fit CBRN w/5-Pt. Strap, Drinking Tube
<b>Accessories</b>		
769550		SC420 Blower, Decon Belt and Airflow Indicator Tool
769515		SC420 38" Breathing Hose Assembly
769540		Decon Belt
169000		CBRN Canister
769535		D Cell Battery Holder Pack (batteries not included)
769531		Nickel Metal Hydride Rechargeable Battery
769545		Nickel Metal Hydride Charger
769532		Lithium Sulfur Dioxide Battery



For more size options and accessories, see full line SKU listing on pages 136-137.

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Continuous Flow Supplied Air Respirators (CF-SAR)

### Continuous Flow Supplied Air Respirators

CF-SAR is a highly cost-effective solution for respiratory protection in non-IDLH (immediately dangerous to life or health) environments.



### SAR Continuous Flow for Grade D Breathing and Ambient Air Pump Use

Ordering a Supplied Air System is easy and customizable.

Choose from each of the following components:

1. Select a CF-SAR tight fitting facepiece or loose fitting hood
2. Select accessories/options
3. Select coupling kit #1 for facepiece to hose connection (includes male and female fittings)
4. Select a hose(s) – (total length may not exceed 300 ft. or 3 sections per respirator)
5. Select coupling kit #2 for hose interconnection and to breathing air source – order one coupling set per each hose length (for ex: three 50 ft. hoses = 3 coupling kits)
6. Select ambient air pump (if not using Grade D breathing air)

For all CF-SAR components and accessories, see SKU index on page 137.

For more information or to order products on this page, please call Customer Care at 800 430-5490.

### Facepieces

- Survivair Opti-Fit™, 5-point strap full facepiece is available with a side mounted tube, front mounted tube, or single bib Tyvek® hood
- Half masks and full facepieces are convertible to APR applications
- Full facepieces and hood are convertible to Powered Air Purifying Respirator applications
- Our Continuous Flow SARs are also compatible with a wide variety of common breathing air sources



Item #	Size	Description
<b>CF-SAR Tight Fitting Facepiece</b>		
981401	Medium	Survivair Opti-Fit, 5-Pt. Strap, Side Port w/Rubber Breathing Tube
981501	Medium	Survivair Opti-Fit, 5-Pt. Strap, Front Port w/Rubber Breathing Tube
981550	Medium	Survivair Opti-Fit, Mesh Headnet, Front Port w/Rubber Breathing Tube
981290	Standard	Black Survivair 4000, 5-Pt. Strap for Welding
<b>CF-SAR Tight Fitting Half-Mask Facepiece</b>		
981300	Medium	Survivair Blue 1 Half-Mask
981380	Medium	Survivair 2000 Half-Mask
<b>CF-SAR Loose Fitting Hoods</b>		
981820	1 Size	Survivair Hood with Polyester Lens, Single Bib, Knit Collar, Breathing Tube

### Coupling Kits for Facepiece-Air Source Connection and Hose Interconnection

- Coupling kit #1 and #2- facepiece (male fitting) and air source connection (female fitting)
- Order one coupling kit for facepiece to air source connection
- Also order one coupling set for each hose length (for example, three 50 ft. hoses = 3 coupling kits)

Item #	Description
930820	Schrader Kit (includes 1 Male and 1 Female Fitting)
930830	Hansen Kit (includes 1 Male and 1 Female Fitting)
930810	Foster Kit (includes 1 Male and 1 Female Fitting)
930840	OBAC Kit (includes 1 Male and 1 Female Fitting)

Note: Coupling type must be the same throughout the entire system; if using Ambient Air Pump, must use OBAC couplings



# Continuous Flow Supplied Air Respirators (CF-SAR)

## Hoses

- Total length may not exceed 300 ft. or 3 sections per respirator

Item #	Description
930870	Survivair 3/8" High Performance   10'
930861	Survivair 3/8" High Performance   25'
930862	Survivair 3/8" High Performance   50'
930863	Survivair 3/8" High Performance   100'



## Continuous Flow SAR Units for Ambient Air Pump Use

Sperian's 1/4, 3/4 and 1-1/2 horsepower Ambient Air Pumps are sold separately.

The 1/4 and 3/4 horsepower pumps are available as complete CF-SAR systems, including facepiece, air line hose and couplings. These lightweight, highly-portable air sources are ideal for a variety of applications including spray painting and clean-up of hazardous materials. Powered by 115-volt electric motors, ambient air pumps come completely assembled and ready for use.

Whatever your environment dictates, Sperian's versatile continuous flow SARs provide maximum protection and value.

## Ambient Air Pumps

- 1/4 and 3/4 horsepower pumps also available as complete CF-SAR systems (see below)



Item #	Description
985200	Survivair 3/4 Horsepower Pump (Operates 1 Hood or 2 Tight-Fitting Facepieces)
985210	Survivair 1/4 Horsepower Pump (Operates 1 Tight-Fitting Facepiece)
985225	Survivair 1-1/2 Horsepower Pump (Operates 3 Hoods or 4 Tight-Fitting Facepieces)

## Standard SAR Assemblies

- Continuous Flow SAR Systems assembled for convenience

Item #	Size	Description
981442	Medium	Survivair Opti-Fit SAR, 1-Person 1/4 HP Pump
981452	Medium	Survivair Opti-Fit SAR, 1-Person/2-Person 3/4 HP Pump
981462	Medium	Survivair Opti-Fit SAR, 2-Person 3/4 HP Pump
981852	1 Size	Full Survivair SAR Hood, 1-Person 3/4 HP Pump



## Survivair Personal Vortex Coolers

- Reduces hot and humid ambient air by as much as 30°F (17°C)
- Requires 40 psi to operate
- NIOSH-certified for use with all of Sperian's Continuous Flow Supplied Air Respirators
- No moving or electrical parts to break or repair
- Not compatible with Ambient Air Pumps or Pressure Demand SARs

Item #	Description
981847	Survivair Vortex Cooler Assembly



For more size options, see full line SKU listing on page 137.

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Pressure Demand Supplied Air Respirators (PD-SAR)



### Tight-Fitting Pressure Demand SAR

- Respirators and Hip-Pacs provide the highest level of interchangeability, protection, and ease of operation
- Full Facepiece PD SARs offer the simplicity and reliability of Survivair Panther® mask-mounted regulators
- Hip-Pacs enhance protection in environments immediately dangerous to life or health (IDLH), with 5-, 10-, or 15-minute escape cylinders
- Survivair Panther PD SARs and Hip-Pacs provide significant cost savings and convenience as part of fully interchangeable respirator systems

#### Item # Description

#### Survivair Panther Series, Full Facepiece, Mask-Mounted Regulator

P968446 (Small), No Coupling, TC-19C-302

P968445 (Medium), No Coupling, TC-19C-302

P968447 (Large), No Coupling, TC-19C-302

P968435 (Classic), w/P100, No Coupling, TC-84A-0229

P968437 (Classic), Black (Welding), w/P100 Escape, No Coupling, TC-84A-0229

#### Survivair Panther Hip-Pac, Mask-Mounted Regulator, with 5-Minute Emergency Escape

P968455 2216 psig, Aluminum, w/Quick Disconnect, No Coupling, TC-13F-300

P968457 2216 psig, Aluminum, w/out Quick Disconnect, No Coupling, TC-13F-300

#### Survivair Panther Hip-Pac, Mask-Mounted Regulator, with 10-Minute Emergency Escape

P968475 3000 psig, Aluminum, w/Quick Disconnect, No Coupling, TC-13F-301

P968477 3000 psig, Aluminum, w/out Quick Disconnect, No Coupling, TC-13F-301

P968605 4500 psig, Fully Wrapped Carbon, w/Quick Disconnect, No Coupling, TC-13F-482

P968615 4500 psig, Fully Wrapped Carbon, w/Quick Disconnect, No Coupling, with COMPASS Integrated PASS Device, w/Buddy Breather, TC-13F-482

#### Survivair Panther Hip-Pac, Mask-Mounted Regulator, with 15-Minute Emergency Escape

P968500 3000 psig, Hoop-Wrapped Fiberglass, w/Quick Disconnect, No Coupling, TC-13F-307

#### Survivair Panther Series, Pressure Demand SAR and Hip-Pac Upgrade and Conversion Kits

P968452 Survivair Panther 5-Minute SCBA Conversion Kit (Hip-Pac w/out Facepiece and Regulator, with Quick Disconnect), No Coupling

P968453 Survivair Panther 5-Minute SAR Upgrade Kit (to Convert Pressure Demand SAR to Hip-Pac)

P968472 Survivair Panther 10-Minute SCBA Conversion Kit (Hip-Pac, Aluminum Cylinder, w/out Facepiece and Regulator, w/Quick Disconnect), No Coupling

P968473 Survivair Panther 10-Minute SAR Upgrade Kit (to Convert Pressure Demand SAR to Hip-Pac)

P968540 Survivair Panther 15-Minute SCBA Conversion Kit (Hip-Pac, w/out Facepiece and Regulator, w/Quick Disconnect), No Coupling

P968535 Survivair Panther 15-Minute SAR Upgrade Kit (to Convert Pressure Demand SAR to Hip-Pac)

#### Spare Hip-Pac Cylinders

975081 Survivair Spare Cylinder (2216 psig, Aluminum), 5-Minute Hip-Pac

975154 Survivair Spare Cylinder (3000 psig, Aluminum), 10-Minute Hip-Pac

917250 Survivair Spare Cylinder (4500 psig, Fully Wrapped Carbon), 10-Minute Hip-Pac

968513 Survivair Spare Cylinder (3000 psig, Hoop-Wrapped Fiberglass), 15-Minute Hip-Pac

#### Conversion Kits for XL-Style Hip-Pacs to Survivair Panther Hip-Pacs

P968454 Survivair Panther Hip-Pac Without Cylinder, w/Quick Disconnect, No Coupling

P968459 Survivair Panther Hip-Pac Without Cylinder, w/out Quick Disconnect, No Coupling

**For more information, visit [sperian.com](http://sperian.com).**

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Pressure Demand Supplied Air Respirators (PD-SAR)

### Air Line Coupling Hardware

Item #	Description
930810	Foster Kit (1 Each, Male and Female)
930424	Foster Coupling
930429	Foster Plug
930820	Schrader Kit (1 Each, Male and Female)
930437	Schrader Coupling
930433	Schrader Plug
930830	Hansen Kit (1 Each, Male and Female)
930465	Hansen Coupling
930466	Hansen Plug
945007	Hansen Kit - Stainless Steel (1 Each, Male and Female)
945010	Hansen Stainless Steel Coupling
945011	Hansen Stainless Steel Plug

### Air Line Hose

- Lightweight or high-performance grades

Item #	Grade	Description
930801	Lightweight	Survivair 25' Hose without Couplings
930802	Lightweight	Survivair 50' Hose without Couplings
930804	Lightweight	Survivair 100' Hose without Couplings
930870	High Performance	Survivair 10' Hose without Couplings
930861	High Performance	Survivair 25' Hose without Couplings
930862	High Performance	Survivair 50' Hose without Couplings
930864	High Performance	Survivair 100' Hose without Couplings



For more information,  
visit [sperian.com](http://sperian.com).

## Pressure Demand Supplied Air Respirators (PD-SAR)

### Standard Accessories

Item #	Description
951015	Survivair Anti-Fog Solution (1 Oz.)
951016	Survivair Anti-Fog Solution (16 Oz.)
962900	Survivair APR Adapter/Quantitative Fit Test Adapter, Pressure Demand SAR (No Nose Cup Included – Survivair TwentyTwenty/TwentyTwenty Plus Facepiece)
962911	Survivair APR Adapter/Quantitative Fit Test Adapter, Pressure Demand SAR (Slotted Medium Nose Cup Included – Survivair TwentyTwenty/TwentyTwenty Plus Facepiece)
962912	Survivair APR Adapter/Quantitative Fit Test Adapter, Pressure Demand SAR (Slotted Standard Nose Cup Included – Survivair Classic Facepiece)
962913	Survivair APR Adapter/Quantitative Fit Test Adapter, Pressure Demand SAR (Slotted Large Nose Cup Included – Survivair Classic Facepiece)
B140096	Survivair Facepiece Cleaner Box (100 Each)
140082	Survivair Facepiece Cleaner Canister (220 Each)
980500	Survivair Fit Test Adapter, Mark 2-Style Pressure Demand SAR
966065	Survivair Hip-Pac Bag
968027	Survivair Hip-Pac Carrying Case (All Models)
B140095	Survivair Lens Cover (25 Each) – Survivair Classic Facepiece
702028	Survivair Lens Cover, Clear (25 Each) – Survivair TwentyTwenty Plus Facepiece
941899	Survivair Probed Full Facepiece Lens Kit – Survivair Classic Facepiece
962253	Survivair Probed Full Facepiece Lens Kit – Survivair TwentyTwenty Facepiece
962262	Survivair Probed Full Facepiece Lens Kit – Survivair TwentyTwenty Plus Facepiece
962920	Survivair Quantitative Fit Test Adapter, Survivair Panther-Style Pressure Demand SAR (Requires 962900/11/12)
995605	Survivair SAR Video
941107	Survivair Spectacles Kit – Survivair XL-Style Facepiece
980003	Survivair Spectacles Kit – Survivair Classic Facepiece
962260	Survivair Spectacles Kit – Survivair TwentyTwenty/TwentyTwenty Plus Facepiece
980200	Survivair Suit Pass-Through Kit
940118	Survivair Zipper Facepiece Bag



### Survivair Air Cart

- Used as either a primary air source or an emergency air supply
- Survivair Air Cart can contain up to two independently operating 30-, 45-, or 60-minute high pressure (4500 psig) cylinders, or up to two independently operating 30-minute low pressure (2216 psig) cylinders
- An inlet allows a regulated air source to be used with an optional bypass to allow an unregulated air source
- The built-in manifold allows up to five Foster, Hansen, or Schrader quick-disconnect couplings to supply air for up to five workers
- A built-in low air warning whistle sounds at 550 psig

Item #	Pressure	Description
731200	Low (2216 psig)	w/out Cylinders, w/out Fittings
731240	Low (2216 psig)	High Pressure Bypass (Quick-Disconnect Sold Separately)
731250	High (4500 psig)	w/out Cylinders, w/out Fittings
731245	High (4500 psig)	High Pressure Bypass

For more information, visit [sperian.com](http://sperian.com).

For more information or to order products on this page, please call Customer Care at 800 430-5490.

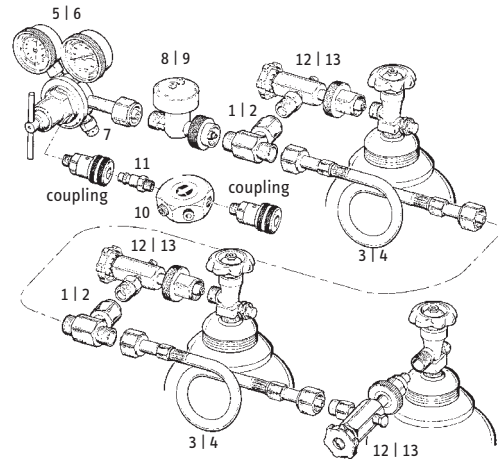
# Pressure Demand Supplied Air Respirators (PD-SAR)

## Survivair Cascade System

- Compressed and purified Grade D (minimum) air stored in the cylinders is drawn off through a pressure reducing regulator and supplied to the SAR system at the required pressure level
- A manifold can be used when supplying air for two or more workers
- A central filling station, typically located next to the storage cylinders, can provide the compressed and purified air to the cylinders in the Cascade System

Item #	Ref. No.	Description
238010	1	Survivair Tee Connection, CGA 346 (3000 psi Maximum)
238009	2	Survivair Tee Connection, CGA 347 (5500 psi Maximum)
731158	3	Survivair Pigtail Hose, CGA 346 to CGA 347 (3000 psi Maximum)
731157	4	Survivair Pigtail Hose, CGA 346 to CGA 347 (5500 psi Maximum)
912005	5	Survivair Man Regulator w/out Couplings (3000 psi Maximum)
731020	6	Survivair Man Regulator w/out Couplings (5500 psi Maximum)
960020	7	Survivair Relief Valve
960603	8	Survivair Audible Alarm, CGA 346 LP
960642	9	Survivair Audible Alarm, CGA 347 HP
960050	10	Survivair Manifold with Threaded Plugs
960056	11	Survivair Threaded Plug
731012	12	Survivair Isolation or Bleed Valve (3000 psi Maximum)
731013	13	Survivair Isolation or Bleed Valve (5500 psi Maximum)

**A Cascade System consists of at least two storage cylinders interconnected by a series of couplings and pigtails.**

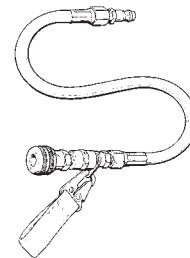


## Survivair SAR Attachment Kit for 1997-Style Survivair Panther® and Survivair Cougar™/Survivair Puma™ SCBAs

- Enables Survivair Panther SCBA users to utilize supplied air sources easily and conveniently
- Contains a short pigtail hose with a Rectus male connector on one end and a bare opposite end (for use with Foster, Schrader, or Hansen quick-disconnect couplings)
- Strap and retainer attach to the Survivair Panther waist strap to hold the pigtail and incoming hose line
- Check valve mounts onto the buddy breathing adapter block

Item #	Description
961800	Survivair Supplied Air Attachment Kit, 1997-Style
961522	Survivair Supplied Air Attachment Kit, 2002-Style Survivair Panther SCBA

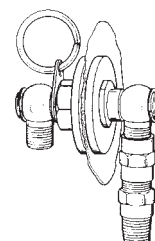
The 961800 kit requires the prior installation of a Survivair Panther buddy breathing kit (961148). The 961522 SAR attachment kit is available for the 2002-style Survivair Panther SCBA and requires the installation of a 965110 or 965119 buddy breather



## Survivair Suit Pass-Through Kit

- NIOSH-certified fitting safely supplies air to Class A chemical suits, keeping out contaminants while allowing a quick-disconnect if escape is necessary
- The pass-through can be used with Foster or Schrader quick-disconnect couplings
- Constructed of stainless steel and brass components to give it maximum resistance to corrosive chemicals
- The pass-through is recommended for use with suits of .020" to .080" thickness

Item #	Description
980200	Survivair Suit Pass-Through Kit Survivair Panther/Cougar/Puma SCBA



**For more information, visit [sperian.com](http://sperian.com).**

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Respiratory Fit Test Kits



193140



193170

### Fit Test Kits

- OSHA-accepted
- Provide an easy and affordable method of qualitative fit testing
- For both disposable particulate and reusable respirators

Item #	Description
140090	Survivair Irritant Smoke Fit Test Kit
140038	Replacement Tubes, Irritant Smoke Fit Test Kit, 6/box
193140	Survivair Isoamyl Acetate (IAA) Fit Test Kit
194040	Survivair Deluxe Fit Test Kit, Isoamyl Acetate (IAA)
193170	Survivair Bitrex Fit Test Kit
193171	Survivair Bitrex Fit Test Solution
193172	Survivair Bitrex Sensitivity Solution
420025	Survivair Probed Fit Test Adapter, QNFT, S-Series facepieces
193120	Survivair Saccharin Fit Test Kit

## Accessories

OSHA requires all employers to provide a medical evaluation to determine an employee's ability to use a respirator prior to respirator use.



### Fit Test Videos

- Sperian fit-test videos provide step-by-step instructions to ensure your fit testing complies with OSHA-accepted guidelines



Item #	Description
260081	DVD, Fit Testing Use and Care Video (English and Spanish)

### Survivair OSHA MedCert

- Sperian has partnered with OSHA MedCert to offer a fully web-based online respirator medical evaluation and tracking system
- Easy to use, reliable and cost effective
- Users have the opportunity to receive medical certification in 5 to 10 minutes
- Provides certification for employees who are required to use filtering facepiece respirators (dust masks), half mask, or full-facepiece respirators

Item #	Description
230096	Survivair OSHA MedCert Online Medical Evaluation

Visit [sperian.com](http://sperian.com) for fit test accessories.

For more information or to order products on this page, please call Customer Care at 800 430-5490.



# Industrial Self-Contained Breathing Apparatus (SCBA)

## Survivair Cougar™

- Silicone rubber facepiece provides unsurpassed comfort and durability, even in extreme heat or cold. Won't oxidize or react with ozone. Also provides better sealing ability for improved comfort and fit. Five-strap head harness and skirt are available in 3 color-coded sizes (Survivair TwentyTwenty® Plus facepiece). Available in small and standard sizes in blue and black (Classic™ facepiece)
- Optional Survivair headnet mesh-style head harness
- First stage regulator has minimal moving parts, dramatically enhancing reliability while reducing maintenance costs. Choice of three low air alarms – bell, plain whistle, or warbling whistle
- Second stage regulator has compact, low profile; Survivair Air Klic™ fastening system; first-breath-on; better downward vision for less chance of damage; allows attachment in any orientation; regulator holder on waist strap allows regulator to be kept in stand-by mode
- Survivair Mighty-Light® backpack is one of the lightest, easiest to use, and most comfortable backpacks in the industry; no tools required – no bolts or screws on harness for quick, easy disassembly and assembly



Item #	Description
888888	Survivair Cougar

Stock configuration includes: Survivair Cougar, 2216 psig, without alarm, without cylinder, medium Twenty-Twenty facepiece, bell alarm (22NB). 2216 psig, 30-minute aluminum cylinder, without locking collar (915141). TwentyTwenty Plus facepiece, medium, black, medium nose cup, silicone headstrap (252022)

## Survivair Puma™

- The Survivair Puma is a Survivair Cougar with a tight-fitting hood with a neoprene neck seal and is rated for entry into IDLH environments
- No need for spectacles kits – the user can wear normal street glasses (although sports straps on the temples are useful to keep the glasses in place while donning)
- Hood is made from Challenge® NXT barrier fabric (fluoropolymer films laminated to aramid substrates) for excellent permeation resistance; lens is made from 10 mil FEP Teflon
- Flexible neoprene neck seal provides excellent protection against contaminants in IDLH atmospheres
- Factory-installed silicone nose cup; available in 3 sizes; reduces fogging and CO<sub>2</sub> buildup in hood



Item #	Description
777777	Survivair Puma

Stock configuration includes: Survivair Cougar/Puma, 2216 psig, without alarm, without cylinder, without facepiece (P964323). Plain whistle alarm (22PW). 2216 psig, 30-minute aluminum cylinder, without locking collar (915141). Survivair Puma hood with medium nose cup (968006)

The Survivair Cougar™ meets the demands of industrial users who want the finest respiratory protection against environments that are immediately dangerous to life or health (IDLH), but do not require the performance of an NFPA-compliant SCBA.

The Survivair Cougar design eliminates unnecessary fire fighting features, keeping costs under control for today's dollar-conscious industrial users, yet provides superior safety and comfort.

Survivair Puma™ is the first NIOSH-certified, OSHA-compliant, hooded pressure demand SCBA designed for users with street glasses or facial configurations that are hard to fit with a conventional facepiece.

**Additional configurations are available. See your local Sperian distributor for more information.**

For more information or to order products on this page, please call Customer Care at 800 821-7236.

# Firefighting Self-Contained Breathing Apparatus (SCBA)

**The Sperian Warrior™ is a new type of SCBA, based on proven technologies and updated with features suggested by firefighters themselves.**

**Experienced professional firefighters from around the country helped us to design a new kind of SCBA, placing the firefighter at the center of the design process.**

Comfortable, reliable, and simple to use under the worst conditions, the Sperian Warrior represents a major advance in thinking about what an SCBA is and how it should work.

## Sperian Warrior™

- All functional components integrated into the AirPod™ backpack, removing potential snag or catch points
- Ergonomic design, allowing the firefighter free range of movement when donned – up to 30% increased forward bending movement and 2x greater neck mobility
- SpeedChange™ cylinder retention system allows easy cylinder changes in less than 35 seconds
- The optional IntelliPASS™, a completely re-engineered PASS device that incorporates a manual PASS alert, a PASS reset button, an analog pressure gauge and data logging
- Certified as compliant with NFPA 1981, 1982, 2007 Editions



*The Sperian Warrior is offered in 2216, 3000, and 4500 psig versions, with 30-, 45- and 60-minute cylinders. The Sperian Warrior can be purchased with a wide range of options and accessories. See your local Sperian distributor for more information on all the configurations available*

## SCBA Accessories

### Two Best-In-Class Communication Options:

- **Voice Amplification System (VAS) with distortion-free, crystal-clear person-to-person communication.**
- **Wireless Radio Communication System (RCS) that provides clear, remote communication utilizing Digital Spread Spectrum technology.**

### Survivair CommCommand™ Communications

- Both the VAS and RCS are modular, stand-alone components
- Streamlined design and integration of the RCS and VAS; attaches securely to the Survivair TwentyTwenty® Plus facepiece

Item #	Description
X242135	Survivair CommCommand Wireless Radio Communication System (RCS)
X242136	Survivair CommCommand Voice Amplification System (VAS)
X242137	Survivair CommCommand RCS and VAS (Combo)
X242138	Survivair CommCommand Facepiece Modification Kit (VAS w/out Amplifier Module)



### Survivair CN/CS/WMD Adapter

- Attaches to Survivair TwentyTwenty® Plus facepiece to convert to APR for CN/CS/WMD use
- Accommodates 40 mm NATO-style canister

Item #	Description
960150	Survivair CN/CS/WMD Adapter
168800	Survivair CN/CS/OS w/P100 Canister

For more information or to order products on this page, please call Customer Care at 800 821-7236.

## SCBA Accessories

### Fit Test Adapters

- Survivair APR Adapter converts Survivair TwentyTwenty® Plus facepiece to APR use
- Survivair APR Adapter NIOSH-certified for use with P100 filter or Multi-Contaminant/P100 cartridge/filter; also used to perform qualitative fit testing
- Allows easy interface with Portacount® fit tester

Item #	Description
962900	Survivair APR Adapter/Qualitative Fit Test Adapter
962920	Quantitative Fit Test Adapter (Requires 962900)

### NEW! Warrior™ Digital Dashboard

- Digital Dashboard is tucked away in the TwentyTwenty® Plus facepiece and does not interfere with the user's peripheral vision
- Display turns off within minutes once the air is bled out of the system, conserving precious battery power
- Stand-alone component, offering the flexibility to upgrade as budgets allow
- Consists of two pieces: the HUD display module that is installed inside the mask with no tools necessary, and the second stage regulator infrared (IR) module
- Activates automatically when pneumatics are powered up
- Two "AAA" alkaline batteries power the Digital Dashboard HUD display module

Item #	Description
974444	Complete kit: HUD display module for facepiece and IR module for second stage regulator
974544	HUD module only
975608	Replacement IR module for second stage regulator



### NEW! Warrior™ Remote Push-To-Talk

- Enables the use of radio communication in extreme and hazardous conditions
- Oversized remote push to talk lever works great with a gloved hand or finger
- Simple installation on a Sperian CommCommand™ lapel mic
- Interfaces with the Sperian CommCommand Wireless Radio Communication System
- Incorporates a streamlined design which does not create snag or catch points

Item #	Description
970025	Remote Push-to-Talk Kit



## Respiratory Protection

### Disposable Respirators

#### SAF-T-Fit® Flat Fold Particulate Respirator

Item #	Style #	Description	Size
14110320	N9510FS	Flat Fold, N95, Boomerang Nose Seal	S
14110321	N9510FM	Flat Fold, N95, Boomerang Nose Seal	M
14110322	N9510FL	Flat Fold, N95, Boomerang Nose Seal	L
14110323	N9520FS	Flat Fold, N95, Boomerang Nose Seal and Valve	S
14110324	N9520FM	Flat Fold, N95, Boomerang Nose Seal and Valve	M
14110325	N9520FL	Flat Fold, N95, Boomerang Nose Seal and Valve	L

#### W1400 N95 Flat Fold Particulate Respirator

Item #	Style #	Description	Size
14110452	W1400	Flat Fold, N95	1 Size

#### ONE-Fit™ NBW95 and NBW95V Molded Cup Particulate Respirators

Item #	Style #	Description	Size
14110444	NBW95	Molded Cup, N95 Non-Valved	1 Size
14110445	NBW95V	Molded Cup, N95 Valved	1 Size

#### SAF-T-Fit® Plus Particulate Respirator

Item #	Style #	Description	Size
14110387	N1105 S	N95 Basic	S
14110388	N1105 M/L	N95 Basic	M/L
14110389	N1105 XL	N95 Basic	XL
14110390	N1115 S	N95, Boomerang Nose Seal	S
14110391	N1115 M/L	N95, Boomerang Nose Seal	M/L
14110392	N1115 XL	N95, Boomerang Nose Seal	XL
14110393	N1125S	N95, Boomerang Nose Seal, Exhal Valve	S
14110394	N1125 M/L	N95, Boomerang Nose Seal, Exhal Valve	M/L
14110395	N1125 XL	N95, Boomerang Nose Seal, Exhal Valve	XL
14110396	N1125-OV	N95, Boomerang Nose Seal, Exhal Valve, Nuisance OV Filtration	S
14110397	N1125-OV M/L	N95, Boomerang Nose Seal Exhal Valve, Nuisance OV Filtration	M/L
14110398	N1125-OV XL	N95, Boomerang Nose Seal, Exhal Valve, Nuisance OV Filtration	XL
14110399	N1125-AG S	N95, Boomerang Nose Seal, Exhal Valve, Nuisance AG Filtration	S
14110400	N1125-AG M/L	N95, Boomerang Nose Seal, Exhal Valve, Nuisance AG Filtration	M/L
14110401	N1125-AG XL	N95, Boomerang Nose Seal, Exhal Valve, Nuisance AG Filtration	XL
14110402	N1139 S	N99, Full Face Seal, Adjustable Straps, Exhal Valve	S
14110403	N1139 M/L	N99, Full Face Seal, Adjustable Straps, Exhal Valve	M/L
14110404	N1139 XL	N99, Full Face Seal, Adjustable Straps, Exhal Valve	XL
14110426	P1115 M/L	P95, Boomerang Nose Seal	M/L
14110427	P1115 XL	P95, Boomerang Nose Seal	XL
14110428	P1135 M/L	P95, Full Face Seal, Adjustable Straps, Exhal Valve	M/L
14110429	P1135 XL	P95 Full Face Seal, Adjustable Straps, Exhal Valve	XL
14110430	P1135-1 M/L	P95, Full Face Seal, Adjustable Straps, Exhal Valve, Nuisance OV Filtration	M/L
14110431	P1135-1XL	Full Face Seal, Adjustable Straps, Exhal Valve, Nuisance OV Filtration	XL
14110439	P1130 S	P100, Full Face Seal, Adjustable Straps, Exhal Valve	S
14110440	P1130 M/L	P100, Full Face Seal, Adjustable Straps, Exhal Valve	M/L
14110441	P1130 XL	P100, Full Face Seal, Adjustable Straps, Exhal Valve	XL

#### Freedom® Disposable Respirator

Item #	Style #	Description	Size
14150086	2108	UNI-SORB Multi-Contaminant Respirator	S
14150087	2208	UNI-SORB Multi-Contaminant Respirator	M
14150088	2308	UNI-SORB Multi-Contaminant Respirator	L
14150001	2101	Organic Vapor Respirator	S
14150002	2201	Organic Vapor Respirator	M
14150003	2301	Organic Vapor Respirator	L
14130475	211R95	Organic Vapor Respirator w/ R95	S
14130476	221R95	Organic Vapor Respirator w/ R95	M
14130477	231R95	Organic Vapor Respirator w/ R95	L
14150013	2105	Organic Vapor and Acid Gas Respirator	S
14150014	2205	Organic Vapor and Acid Gas Respirator	M
14150015	2305	Organic Vapor and Acid Gas Respirator	L
14150096	2110P100	P100 Respirator	S
14150097	2210P100	P100 Respirator	M
14150098	2310P100	P100 Respirator	L
14150089	2118P100	UNI-SORB and P100 Respirator	S
14150090	2218P100	UNI-SORB and P100 Respirator	M
14150091	2318P100	UNI-SORB and P100 Respirator	L

#### Nuisance Disposable Dust Mask

Item #	Style #	Description	Size
14110094CC	CP1000VP	Nuisance Disposable Dust Mask	1 Size

#### Air Hoods

Item #	Description
14530001	Cotton Twill Hood with Visor
14530002	Tyvek Hood for Use with Hard Hat
14530005	Tyvek Hood with Adjustable Headgear

#### HC-NB295F and HC-NB095 Surgical Respirators

Item #	Style #	Description	Size
14110451	HC-NB295F	Flat Fold Surgical Respirator	1 Size
14110446	HC-NB095	Molded Cup Surgical Respirator	1 Size

### Half-Mask Respirators

#### Survivair VALUAIR® Plus

Item #	Description	Size
301500	S-Series, Basic Facepiece Assembly	S
302500	S-Series, Basic Facepiece Assembly	M
303500	S-Series, Basic Facepiece Assembly	L
301000	T-Series, Basic Facepiece Assembly	S
302000	T-Series, Basic Facepiece Assembly	M
303000	T-Series, Basic Facepiece Assembly	L
301110	T-Series, Respirator w/Organic Vapor/N95	S
302110	T-Series, Respirator w/Organic Vapor/N95	M
303110	T-Series, Respirator w/Organic Vapor/N95	L
302120	T-Series, Respirator w/Organic Vapor/R95	M

#### Survivair Blue 1™

Item #	Description	Size
B210000	S-Series, Basic Assembly	S
B220000	S-Series, Basic Assembly	M
B230000	S-Series, Basic Assembly	L
B210010	S-Series, Assembly w/Speaking Diaphragm	S
B220010	S-Series, Assembly w/Speaking Diaphragm	M
B230010	S-Series, Assembly w/Speaking Diaphragm	L

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Sperian Respiratory Protection

### Survivair 2000™

Item #	Description	Size
B250000	S-Series, Basic Assembly	S
B260000	S-Series, Basic Assembly	M
B270000	S-Series, Basic Assembly	L
250050	S-Series, Belt-Mount Assembly w/Breath Hose & Belt-Mounted Plenum	S
260050	S-Series, Belt-Mount Assembly w/Breath Hose & Belt-Mounted Plenum	M
270050	S-Series, Belt-Mount Assembly w/Breath Hose & Belt-Mounted Plenum	L

### Survivair PREMIER®

Item #	Description	Size
311500	S-Series, Basic Assembly w/Elastic Headstraps	S
312500	S-Series, Basic Assembly w/Elastic Headstraps	M
313510	S-Series, Basic Assembly w/Rubber Headstraps	L
311510	S-Series, Basic Assembly w/Rubber Headstraps	S
312510	S-Series, Basic Assembly w/Rubber Headstraps	M
313500	S-Series, Basic Assembly w/Elastic Headstraps	L
311000	T-Series, Basic Assembly w/Elastic Headstraps	S
312000	T-Series, Basic Assembly w/Elastic Headstraps	M
312010	T-Series, Basic Assembly w/Rubber Headstraps	M
312110	T-Series, Respirator w/Organic Vapor/N95	M
311130	T-Series, Respirator w/Organic Vapor/R95	M
312820	T-Series, Respirator w/Unisorb/R95	M

### Survivair PREMIER® Plus

Item #	Description	Size
321500	S-Series, Basic Assembly	S
322500	S-Series, Basic Assembly	M/L
322510	S-Series, Respirator w/Organic Vapor/N95	M/L
321000	T-Series, Basic Assembly	S
322000	T-Series, Basic Assembly	M/L
322020	T-Series, Organic Vapor/R95	M/L

## Full Facepiece Respirators

### Survivair Opti-Fit™ APR

Item #	Description	Size
752000	S-Series, Survivair Opti-Fit APR, 5-Strap Suspension	S
762000	S-Series, Survivair Opti-Fit APR, 5-Strap Suspension	M
772000	S-Series, Survivair Opti-Fit APR, 5-Strap Suspension	L
752100	S-Series, Survivair Opti-Fit APR, Mesh Headnet	S
762100	S-Series, Survivair Opti-Fit APR, Mesh Headnet	M
772100	S-Series, Survivair Opti-Fit APR, Mesh Headnet	L
758000	T-Series, Survivair Opti-Fit APR, 5-Strap Suspension	S
768000	T-Series, Survivair Opti-Fit APR, 5-Strap Suspension	M
758100	T-Series, Survivair Opti-Fit APR, Mesh Headnet	S
778100	T-Series, Survivair Opti-Fit APR, Mesh Headnet	L
768100	T-Series, Survivair Opti-Fit APR, Mesh Headnet	M

### Conversion Kits and Accessories

Item #	Description
981415	Continuous Flow SAR Conversion Kit (Survivair Opti-Fit APR to CF SAR) w/Tube
981416	Continuous Flow SAR Conversion Kit (Survivair Opti-Fit APR to CF SAR) w/Upgraded Tube
702019	Tinted Peel-off Lens Covers (25 ea.)
702028	Clear Peel-off Lens Covers (25 ea.)
702031	Neckstrap Kit
962260	Spectacles Kit

### Opti-Fit™ Convertible

Item #	Description	Size
754000	Survivair Opti-Fit Convertible APR, 5-Strap Suspension	S
764000	Survivair Opti-Fit Convertible APR, 5-Strap Suspension	M
774000	Survivair Opti-Fit Convertible APR, 5-Strap Suspension	L
754100	Survivair Opti-Fit Convertible APR, Mesh Headnet	S
764100	Survivair Opti-Fit Convertible APR, Mesh Headnet	M
774100	Survivair Opti-Fit Convertible APR, Mesh Headnet	L

### Survivair Opti-Fit™ CF-SAR

Item #	Description	Size
981500	Survivair Opti-Fit, 5-Pt. Strap, CF-SAR Assembly, Front Port	S
981501	Survivair Opti-Fit, 5-Pt. Strap, CF-SAR Assembly, Front Port	M
981503	Survivair Opti-Fit, 5-Pt. Strap, CF-SAR Assembly, Front Port	L
981550	Survivair Opti-Fit, Mesh Headnet, CF-SAR Assembly, Front Port	S
981551	Survivair Opti-Fit, Mesh Headnet, CF-SAR Assembly, Front Port	M
981553	Survivair Opti-Fit, Mesh Headnet, CF-SAR Assembly, Front Port	L
981205	CF-SAR Front Port Kit, No Facepiece	
981209	CF-SAR Front Port Kit with P100 Egress, No Facepiece	
981415	Side Port Plastic Hose Kit	
981416	Side Port Rubber Hose Kit	

### Survivair Opti-Fit™ PAPR

Item #	Description	Size
520500	Survivair Opti-Fit, 5-Pt. Strap, Mask-Mounted PAPR	S
520600	Survivair Opti-Fit, 5-Pt. Strap, Mask-Mounted PAPR	M
520700	Survivair Opti-Fit, 5-Pt. Strap, Mask-Mounted PAPR	L
520520	Survivair Opti-Fit, Mesh Headnet, Mask-Mounted PAPR	S
520620	Survivair Opti-Fit, Mesh Headnet, Mask-Mounted PAPR	M
520720	Survivair Opti-Fit, Mesh Headnet, Mask-Mounted PAPR	L
520075	Mask-Mounted PAPR Kit, No Facepiece	
540510	Survivair Opti-Fit, 5-Pt. Strap, Belt-Mounted PAPR	S
540610	Survivair Opti-Fit, 5-Pt. Strap, Belt-Mounted PAPR	M
540710	Survivair Opti-Fit, 5-Pt. Strap, Belt-Mounted PAPR	L
541510	Survivair Opti-Fit, Mesh Headnet, Belt-Mounted PAPR	S
541610	Survivair Opti-Fit, Mesh Headnet, Belt-Mounted PAPR	M
541710	Survivair Opti-Fit, Mesh Headnet, Belt-Mounted PAPR	L
500085	Belt-Mounted PAPR Blower and Battery Kit	
B420030	Belt-Mounted PAPR Breathing Tube	

### Survivair Opti-Fit™ CBRN

Item #	Description	Size
759000	Survivair Opti-Fit CBRN Gas Mask	Size
769000	Survivair Opti-Fit CBRN Gas Mask	M
779000	Survivair Opti-Fit CBRN Gas Mask	L
759020	Survivair Opti-Fit CBRN Gas Mask w/Drink Tube	S
769020	Survivair Opti-Fit CBRN Gas Mask w/Drink Tube	M
779020	Survivair Opti-Fit CBRN Gas Mask w/Drink Tube	L
169000	CBRN Canister	
168800	CN/CS/P100 Canister	
962260	Spectacle Kit	
702031	Neck Strap	
702028	Clear Peel-Away Lens Cover, 25/Box	
981808	Anti-Fog Wipes, 100/Box	

### Survivair Opti-Fit™ Tactical

Item #	Description	Size
753000	Survivair Opti-Fit Tactical Gas Mask	S
763000	Survivair Opti-Fit Tactical Gas Mask	M
773000	Survivair Opti-Fit Tactical Gas Mask	L

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### Survivair Opti-Fit™ Tactical (continued)

#### Accessories

Item #	Description
168800	NBC Canister (CN/CS/P100)
702019	Tinted Lens Covers, 25/Box
702028	Clear Lens Covers, 25/Box
962260	Spectacles Kit
763076	Gas Mask Pouch, Black

### Survivair 4000™ APR

Item #	Description	Size
410010	S-Series, Blue, 4-Pt. Headstrap	S
420010	S-Series, Blue, 4-Pt. Headstrap	Std
410071	S-Series, 4-Pt. Headstrap, w/Nose Cup	S
420071	S-Series, Blue, 4-Pt. Headstrap, w/Nose Cup	Std

#### Accessories

Item #	Description
140095	Clear Polyester Peel-off Lens Covers (25 ea.)
140635	Smoke-Tinted Polyester Peel-off Lens Covers (25 ea.)
140079	Filter Retainer
940135	Neck Strap Kit
980003	Prescription Spectacles Kit

#### Welding

Item #	Description	Size
410090	S-Series, Blk Facepiece, 5-Pt. Headstrap	S
420090	S-Series, Blk Facepiece, 5-Pt. Headstrap	Std
410079	S-Series, Blk Facepiece, 5-Pt. Headstrap w/Nose Cup	S
420079	S-Series, Blk Facepiece, 5-Pt. Headstrap w/Nose Cup	Std
430000	Welding Lens Attachment, Shade 10	
430030	Welding Lens Attachment w/Auto Darkening, Variable Shade 9-12	
430005	Flame Retardant Lower Protective Bib	
430010	Flame Retardant Upper Protective Bib	
140105	Spark Cover for P100 Slimline Filters	

### SurvivairMAX® APR

Item #	Description	Size
801500	S-Series, Economy Facepiece, 5-Strap	S
802500	S-Series, Economy Facepiece, 5-Strap	M
803500	S-Series, Economy Facepiece, 5-Strap	L
821000	T-Series, Facepiece, 5-Strap	S
822000	T-Series, Facepiece, 5-Strap	M
823000	T-Series, Facepiece, 5-Strap	L
851000	T-Series, Economy Facepiece, 5-Strap	S
852000	T-Series, Economy Facepiece, 5-Strap	M
853000	T-Series, Economy Facepiece, 5-Strap	L

#### Accessories

Item #	Description
14901010	Prescription Spectacle Adapter Kit
14901017	Prescription Spectacle Adapter Mounting
14901011	Clear Lens Cover
14901012	Blue Lens Cover
14900043	Neckstrap Kit

### Escape Solutions

#### Survivair Mouthbit

Item #	Description
600200	Acid Gas Mouthbit Respirator

#### Survivair Escape Breathing Apparatus (EBA)

Item #	Description
975080	5-Minute Escape Breathing Apparatus (EBA-5)
975090	10-Minute Escape Breathing Apparatus (EBA-10)
975190	5-Minute High-Flow Escape Breathing Apparatus (EBA-HF5)

### Powered Air Purifying Respirators (PAPR)

#### Mask Mounted PAPR

Item #	Description	Size
520500	Survivair Opti-Fit Facepc w/5-Pt. Strap, Btry/Blwr	S
520600	Survivair Opti-Fit Facepc w/5-Pt. Strap, Btry/Blwr	M
520700	Survivair Opti-Fit Facepc w/5-Pt. Strap, Btry/Blwr	L
520520	Survivair Opti-Fit Facepc w/Mesh Headnet, Btry/Blwr	S
520620	Survivair Opti-Fit Facepc w/Mesh Headnet, Btry/Blwr	M
520720	Survivair Opti-Fit Facepc w/Mesh Headnet, Btry/Blwr	L
510015	Survivair 4000 Facepc w/5-Pt. Strap, Btry/Blwr	S
520015	Survivair 4000 Facepc w/5-Pt. Strap, Btry/Blwr	Std

#### Accessories

Item #	Description
108000	PAPR Filter, High Efficiency (HE) (Box of 4 Filters)
108044	PAPR Filter, High Efficiency (HE) (Bulk Pack - Case of 84 Filters)
981177	Filter Shower Cap w/Holes
981178	Filter Shower Cap w/out Holes

#### Belt Mounted PAPR

Item #	Description	Size
540510	Survivair Opti-Fit Facepc Kit w/5-Pt. Strap for Btry/Blwr	S
540610	Survivair Opti-Fit Facepc Kit w/5-Pt. Strap for Btry/Blwr	M
540710	Survivair Opti-Fit Facepc Kit w/5-Pt. Strap for Btry/Blwr	L
541510	Survivair Opti-Fit Facepc Kit w/Mesh Headnet for Btry/Blwr	S
541610	Survivair Opti-Fit Facepc Kit w/Mesh Headnet for Btry/Blwr	M
541710	Survivair Opti-Fit Facepc Kit w/Mesh Headnet for Btry/Blwr	L
530083	Survivair 4000 Facepc Kit w/5-Pt. Strap for Btry/Blwr	S
540083	Survivair 4000 Facepc Kit w/5-Pt. Strap for Btry/Blwr	Std
550085	Survivair 2000 Facepc Kit for Btry/Blwr	S
560085	Survivair 2000 Facepc Kit for Btry/Blwr	M
570085	Survivair 2000 Facepc Kit for Btry/Blwr	L
500085	Btry and Blwr Kit Assembly	1 Size
590085	Tyvek Single Bib Hood	1 Size

#### Accessories

Item #	Description
108000	PAPR Filter, High Efficiency (HE) (Box of 4 filter)
108044	PAPR Filter, High Efficiency (HE) (Bulk Pack - Case of 84 Filters)
981177	Filter Shower Cap w/Holes
981178	Filter Shower Cap w/out Holes
981814	Hard Hat Adapter for Hood (#891820) (Hard Hat Not Included)

#### SC420 CBRN PAPR

Item #	Description	Size
759500	Survivair Opti-Fit CBRN w/Kevlar Headnet	S
769500	Survivair Opti-Fit CBRN w/Kevlar Headnet	M

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779500	Survivair Opti-Fit CBRN w/Kevlar Headnet	L
759520	Survivair Opti-Fit CBRN w/Kevlar Headnet, Drinking Tube	S
769520	Survivair Opti-Fit CBRN w/Kevlar Headnet, Drinking Tube	M
779520	Survivair Opti-Fit CBRN w/Kevlar Headnet, Drinking Tube	L
759000	Survivair Opti-Fit CBRN w/5-Pt. Strap	S
769000	Survivair Opti-Fit CBRN w/5-Pt. Strap	M
779000	Survivair Opti-Fit CBRN w/5-Pt. Strap	L
759020	Survivair Opti-Fit CBRN w/5-Pt. Strap, Drinking Tube	S
769020	Survivair Opti-Fit CBRN w/5-Pt. Strap, Drinking Tube	M
779020	Survivair Opti-Fit CBRN w/5-Pt. Strap, Drinking Tube	L

### Accessories

769550	SC420 Blower, Decon Belt and Airflow Indicator Tool
769515	38" Breathing Hose Assembly
769540	Decon Belt
769535	D-Cell Battery Holder Pack (batteries not included)
769531	Nickel Metal Hydride Rechargeable Battery
769545	Nickel Metal Hydride Charger
769532	Lithium Sulfur Dioxide Battery
169000	CBRN Canister

## Continuous Flow Supplied Air Respirators (CF-SAR)

### Standard CF-SAR Assemblies

Item #	Description	Size
981441	Survivair Opti-Fit SAR, 1-Person 1/4 HP Pump	S
981442	Survivair Opti-Fit SAR, 1-Person 1/4 HP Pump	M
981443	Survivair Opti-Fit SAR, 1-Person 1/4 HP Pump	L
981451	Survivair Opti-Fit SAR, 1-Person/2-Person 3/4 HP Pump	S
981452	Survivair Opti-Fit SAR, 1-Person/2-Person 3/4 HP Pump	M
981453	Survivair Opti-Fit SAR, 1-Person/2-Person 3/4 HHP Pump	L
981461	Survivair Opti-Fit SAR, 2-Person 3/4 HP Pump	S
981462	Survivair Opti-Fit SAR, 2-Person 3/4 HP Pump	M
981463	Survivair Opti-Fit SAR, 2-Person 3/4 HP Pump	L
981852	Full Survivair SAR Hood, 1-Person 3/4 HP Pump	1 Size

### CF-SAR Tight Fitting Facepiece or Loose Fitting Hood

Item #	Description	Size
981400	Survivair Opti-Fit, 5-Pt. Strap, Side Port w/Rubber Breathing Tube	S
981401	Survivair Opti-Fit, 5-Pt. Strap, Side Port w/Rubber Breathing Tube	M
981403	Survivair Opti-Fit, 5-Pt. Strap, Side Port w/Rubber Breathing Tube	L
981500	Survivair Opti-Fit, 5-Pt. Strap, Front Port w/Rubber Breathing Tube	S
981501	Survivair Opti-Fit, 5-Pt. Strap, Front Port w/Rubber Breathing Tube	M
981501	Survivair Opti-Fit, 5-Pt. Strap, Front Port w/Rubber Breathing Tube	L
981292	Survivair 4000, 5-Pt. Strap for Welding, Black	S
981290	Survivair 4000, 5-Pt. Strap for Welding, Black	Std

### CF-SAR Tight Fitting Half-Mask Facepiece

Item #	Description	Size
981310	Survivair Blue 1 Half-Mask	S
981300	Survivair Blue 1 Half-Mask	M
981320	Survivair Blue 1 Half-Mask	L
981379	Survivair 2000 Half-Mask	S
981380	Survivair 2000 Half-Mask	M
981381	Survivair 2000 Half-Mask	L

### CF-SAR Loose Fitting Hoods

Item #	Description	Size
981820	Survivair Hood w/Polyester Lens, Sngl Bib, Knit Collar, Breath Tube	1 Size

981840	Survivair Hood w/Polyester Lens, Sngl Bib, Knit Collar, Plastic Breath Tube, Ratchet Suspension	1 Size
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### Survivair Opti-Fit™ Accessories

Item #	Description
702019	Tinted Peel-Away Lens Covers (25 Per Package)
702028	Clear Peel-Away Lens Covers (25 Per Package)
962260	Prescription Spectacles Kit

### Survivair 4000™ Accessories

Item #	Description
140635	Smoke-Tinted Polyester Peel-Off Lens Covers (25 Per Package)
140095	Clear Polyester Peel-Off Lens Covers (25 Per Package)
980003	Prescription Spectacles Kit
981814	Hard Hat Strap for 4000 Series Full Facepiece

### Hood Accessories

Item #	Description
981812	Replacement Sngl Bib Full Tyvek Hood w/Knit Collar (1 Box of 3)

*Coupling Kit #1 and #2- Facepiece (Male fitting) and Air Source Connection (Female fitting)*

*Note: Coupling type must be the same throughout the entire system*

*If using Ambient Air Pump – must use OBAC couplings*

930820	Schrader Kit (Includes 1 Male & 1 Female Fitting)
930437	Schrader Female Coupling
930433	Schrader Male Plug
930830	Hansen Kit (Includes 1 Male and 1 Female Fitting)
930465	Hansen Female Coupling
930466	Hansen Male Plug
930810	Foster Kit (Includes 1 Male and 1 Female Fitting)
930424	Foster Female Coupling
930429	Foster Male Plug
930840	OBAC Kit (Includes 1 Male and 1 Female Fitting)
985248	OBAC Female Coupling
985247	OBAC Male Plug

### Hoses

930801	Survivair 3/8" Standard Pressure   25'
930802	Survivair 3/8" Standard Pressure   50'
930804	Survivair 3/8" Standard Pressure   100'
930870	Survivair 3/8" High Performance   10'
930861	Survivair 3/8" High Performance   25'
930862	Survivair 3/8" High Performance   50'
930863	Survivair 3/8" High Performance   100'

### Coupling/Hose Kits (if selected – do not need coupling kit #2)

Item #	Description
985241	Survivair 25' Hose w/OBAC Couplings for Ambient Air Pumps
985242	Survivair 50' Hose w/OBAC Couplings for Ambient Air Pumps
985244	Survivair 100' Hose w/OBAC Couplings for Ambient Air Pumps

### Ambient Air Pumps

Item #	Description
985200	Survivair 3/4 HP Pump (Operates 1 Hood or 2 Tight-Fitting Facepieces)
985210	Survivair 1/4 HP Pump (Operates 1 Tight-Fitting Facepiece)
985225	Survivair 1-1/2 HP Pump (Operates 3 Hoods or 4 Tight-Fitting Facepieces)
985244	Survivair 1-1/2 HP Pump (Operates 3 Hoods or 4 Tight-Fitting Facepieces)

### Survivair Personal Vortex Coolers

Item #	Description
981847	Survivair Vortex Cooler Assembly

## Sperian Respiratory Protection

### Pressure Demand Supplied Air Respirators

#### Tight-Fitting Pressure Demand SAR

P968446	(Small), No Coupling, TC-19C-302
P968445	(Medium), No Coupling, TC-19C-302
P968447	(Large), No Coupling, TC-19C-302
P968435	(Classic), w/P100, No Coupling, TC-84A-0229
P968437	(Classic), Black (Welding), w/P100 Escape, No Coupling, TC-84A-0229
P968455	2216 psig, Aluminum, w/out Quick Disconnect, No Coupling, TC-13F-300
P968457	2216 psig, Aluminum, w/Quick Disconnect, No Coupling, TC-13F-300
P968475	3000 psig, Aluminum, w/Quick Disconnect, No Coupling, TC-13F-301
P968477	3000 psig, Aluminum, w/out Quick Disconnect, No Coupling, TC-13F-301
P968605	4500 psig, Fully Wrapped Carbon, w/Quick Disconnect, No Coupling, TC-13F-482
P968615	4500 psig, Fully Wrapped Carbon, w/Quick Disconnect, No Coupling, with COMPASS Integrated PASS Device, w/Buddy Breather, TC-13F-482
P968500	3000 psig, Hoop-Wrapped Fiberglass, w/Quick Disconnect, No Coupling, TC-13F-307
P968452	Survivair Panther 5-Minute SCBA Conversion Kit (Hip-Pac w/out Facepiece and Regulator, with Quick Disconnect), No Coupling
P968453	Survivair Panther 5-Minute SAR Upgrade Kit (to Convert Pressure Demand SAR to Hip-Pac)
P968472	Survivair Panther 10-Minute SCBA Conversion Kit (Hip-Pac, Aluminum Cylinder, w/out Facepiece and Regulator, w/Quick Disconnect), No Coupling
P968473	Survivair Panther 10-Minute SAR Upgrade Kit (to Convert Pressure Demand SAR to Hip-Pac)
P968540	Survivair Panther 15-Minute SCBA Conversion Kit (Hip-Pac, w/out Facepiece and Regulator, w/Quick Disconnect), No Coupling
P968535	Survivair Panther 15-Minute SAR Upgrade Kit (to Convert Pressure Demand SAR to Hip-Pac)
975081	Spare Cylinder (2216 psig, Aluminum), 5-Minute Hip-Pac
975154	Spare Cylinder (3000 psig, Aluminum), 10-Minute Hip-Pac
917250	Spare Cylinder (4500 psig, Fully Wrapped Carbon), 10-Minute Hip-Pac
968513	Spare Cylinder (3000 psig, Hoop-Wrapped Fiberglass), 15-Minute Hip-Pac
P968454	Survivair Panther Hip-Pac w/out Cylinder, w/Quick Disconnect, No Coupling
P968459	Survivair Panther Hip-Pac w/out Cylinder, w/out Quick Disconnect, No Coupling

#### Air Line Coupling Hardware

Item #	Description
930810	Survivair Foster Kit (1 Each, Male and Female)
930424	Survivair Foster Coupling
930429	Survivair Foster Plug
930820	Survivair Schrader Kit (1 Each, Male and Female)
930437	Survivair Schrader Coupling
930433	Survivair Schrader Plug
930830	Survivair Hansen Kit (1 Each, Male and Female)
930465	Survivair Hansen Coupling
930466	Survivair Hansen Plug
945007	Survivair Hansen Kit - Stainless Steel (1 Each, Male and Female)
945010	Survivair Hansen Stainless Steel Coupling
945011	Survivair Hansen Stainless Steel Plug

#### Air Line Hose

Item #	Grade	Description
930801	Lightweight	Survivair 25' Hose w/out Couplings
930802	Lightweight	Survivair 50' Hose w/out Couplings
930804	Lightweight	Survivair 100' Hose w/out Couplings

930870	High Performance	Survivair 10' Hose w/out Couplings
930861	High Performance	Survivair 25' Hose w/out Couplings
930862	High Performance	Survivair 50' Hose w/out Couplings
930864	High Performance	Survivair 100' Hose w/out Couplings

#### Standard Accessories

Item #	Description
951015	Survivair Anti-Fog Solution (1 Oz.)
951016	Survivair Anti-Fog Solution (16 Oz.)
962900	APR Adapter/Quantitative Fit Test Adapter, Pressure Demand SAR (No Nose Cup Included - TwentyTwenty/TwentyTwenty Plus Facepiece)
962911	APR Adapter/Quantitative Fit Test Adapter, Pressure Demand SAR (Slotted Medium Nose Cup Included - TwentyTwenty/TwentyTwenty Plus Facepiece)
962912	APR Adapter/Quantitative Fit Test Adapter, Pressure Demand SAR (Slotted Standard Nose Cup Included - Classic Facepiece)
962913	APR Adapter/Quantitative Fit Test Adapter, Pressure Demand SAR (Slotted Large Nose Cup Included - Classic Facepiece)
B140096	Facepiece Cleaner Box (100 Each)
140082	Facepiece Cleaner Canister (220 Each)
980500	Fit Test Adapter, Mark 2-Style Pressure Demand SAR
966065	Hip-Pac Bag
968027	Hip-Pac Carrying Case (All Models)
B140095	Lens Cover (25 Each) - Classic Facepiece
702028	Lens Cover, Clear (25 Each) - Survivair TwentyTwenty Plus Facepiece
941899	Probed Full Facepiece Lens Kit - Classic Facepiece
962253	Probed Full Facepiece Lens Kit - Survivair TwentyTwenty Facepiece
962262	Probed Full Facepiece Lens Kit - Survivair TwentyTwenty Plus Facepiece
962920	Quantitative Fit Test Adapter, Survivair Panther-Style Pressure Demand SAR (Requires 962900/11/12)
995605	Survivair SAR Video
941107	Survivair Spectacles Kit - XL-Style Facepiece
980003	Survivair Spectacles Kit - Classic Facepiece
962260	Survivair Spectacles Kit - TwentyTwenty/TwentyTwenty Plus Facepiece
980200	Survivair Suit Pass-Through Kit
940118	Survivair Zipper Facepiece Bag

#### Survivair Air Cart

Item #	Pressure	Description
731200	Low (2216 psig)	w/out Cylinders, w/out Fittings
731240	Low (2216 psig)	High Pressure Bypass (Quick-Disconnect Sold Separately)
731250	High (4500 psig)	w/out Cylinders, w/out Fittings
731245	High (4500 psig)	High Pressure Bypass

#### Survivair Cascade System

Item #	Ref. No.	Description
238010	1	Tee Connection, CGA 346 (3000 psi Maximum)
238009	2	Tee Connection, CGA 347 (5500 psi Maximum)
731158	3	Pigtail Hose, CGA 346 to CGA 347 (3000 psi Maximum)
731157	4	Pigtail Hose, CGA 346 to CGA 347 (5500 psi Maximum)
912005	5	Man Regulator w/out Couplings (3000 psi Maximum)
731020	6	Man Regulator w/out Couplings (5500 psi Maximum)
960020	7	Relief Valve
960603	8	Audible Alarm, CGA 346 LP
960642	9	Audible Alarm, CGA 347 HP
960050	10	Manifold with Threaded Plugs
960056	11	Threaded Plug
731012	12	Isolation or Bleed Valve (3000 psi Maximum)
731013	13	Isolation or Bleed Valve (5500 psi Maximum)

For more information or to order products on this page, please call Customer Care at 800 430-5490.



## Sperian Respiratory Protection

### SAR Attachment Kit for 1997-Style

#### Survivair Panther® and Survivair Cougar™/Puma™ SCBAs

Item #	Description
961800	Survivair Supplied Air Attachment Kit, 1997-Style
961522	Survivair Supplied Air Attachment Kit, 2002-Style Survivair Panther SCBA

#### Survivair Suit Pass-Through Kit

Item #	Description
980200	Survivair Suit Pass-Through Kit Survivair Panther/Cougar/Puma SCBA

### Respiratory Fit Test Kits

#### Fit Test Kits

Item #	Description
140090	Survivair Irritant Smoke Fit Test Kit
140038	Replacement Tubes, Irritant Smoke Fit Test Kit, 6/Box
193140	Survivair Isoamyl Acetate (IAA) Fit Test Kit
194040	Survivair Deluxe Fit Test Kit, Isoamyl Acetate (IAA)
193170	Survivair Bitrex Fit Test Kit
193171	Survivair Bitrex Fit Solution
193172	Survivair Bitrex Sensitivity Solution
420025	Survivair Probed Fit Test Adapter, QNFT, S-Series Facepieces
193120	Survivair Saccharin Fit Test Kit

### Accessories

#### Fit Test Videos

Item #	Description
260081	DVD, Survivair Fit Testing Use/Care Video (English and Spanish)

#### OSHA MedCert

Item #	Description
230096	Survivair OSHA MedCert Online Medical Evaluation

### Self-Contained Breathing Apparatus

#### Survivair Cougar™

Item #	Description
888888	Survivair Cougar

#### Survivair Puma™

Item #	Description
777777	Survivair Puma

### SCBA Accessories

#### Survivair CommCommand™ Communications

Item #	Description
X242135	Survivair CommCommand Wireless Radio Communication System (RCS)
X242136	Survivair CommCommand Voice Amplification System (VAS)
X242137	Survivair CommCommand RCS and VAS (Combo)
X242138	Survivair CommCommand Facepiece Modification Kit (VAS w/out Amplifier Module)

#### Survivair CN/CS/WMD Adapter

Item #	Description
960150	Survivair CN/CS/WMD Adapter
168800	Survivair CN/CS/OS w/P100 Canister

#### Fit Test Adapters

Item #	Description
962900	Survivair APR Adapter/Qualitative Fit Test Adapter
962920	Survivair Quantitative Fit Test Adapter (Requires 962900)

#### Warrior™ Digital Dashboard

Item #	Description
974444	Complete kit – HUD Display Module for Facepiece and IR Module for Second Stage Regulator
974544	HUD Module Only
975608	Replacement IR Module for Second Stage Regulator

#### Warrior™ Remote Push-To-Talk

Item #	Description
970025	Remote Push-to-Talk Kit

#### Abbreviation Key:

Blk	Black
Breath	Breathing
Btry/Blwr	Battery and Blower
Exhal	Exhalation
Facepc	Facepiece
Orgn	Organic
Sngl	Single
RBT	Rubber Breathing Tube



SPERIAN Protection Americas, Inc.  
900 Douglas Pike  
Smithfield, RI 02917  
Tel: 800 343-3411  
Fax: 800 322-1330  
[www.sperian.com](http://www.sperian.com)

# SAFETY PRODUCTS CATALOG 2010



**INDUSTRIAL SAFETY GROUP**

**SPERIAN**  
Protection you can trust



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**⚠ WARNING!** Sperian® equipment should only be used in conjunction with the manufacturer's instructions. Failure to follow such instructions could result in serious injury or fatality.

# Sperian Instrumentation

## GAS DETECTION PRODUCTS

Sperian Protection Instrumentation offers a complete line of gas detection products that are easy to use, easy to maintain and budget-friendly. Since 1981, Sperian Protection and its predecessor companies have been a world leader in designing and manufacturing these high quality products that allow safe work in hazardous environments. From confined space gas detectors to respirator maintenance equipment and other monitoring systems, Sperian® products work at optimum levels under extreme conditions.

Sperian Instrumentation strives to make gas detectors and calibration stations that are easy to use and maintain. The Biosystems PHD6™ is our newest multi-gas detector. Fifteen available toxic gas sensors, along with oxygen, LEL, a PID sensor for the detection of Volatile Organic Compounds (VOCs), and IR sensors for the detection of CO<sub>2</sub> and CH<sub>4</sub> make it our most versatile gas detector ever. In addition, the Biosystems PHD6 offers automatic calibration, menu control over all instrument settings and a status bar with easily-understood icons at the bottom of the LCD to give the user immediate access to everything from time to calibration status. With 5 sensor ports and up to 6 channels of detection, the Biosystems PHD6 is a powerful ally to help keep you safe in dangerous conditions.



The Biosystems IQ6™ Dock is designed from the ground up to be the easiest to use dock on the market. The dock is configured at the factory with default settings and can be used right out of the box for instrument processing. More advanced users will appreciate the standard USB or optional Ethernet connections. The automatic instrument download feature allows the user to streamline recordkeeping and makes it virtually hands-free. Common Biosystems PHD6 configurations can be processed by the dock in under a minute, reducing labor and calibration gas expenses.

# Single-Sensor Gas Monitors



## Biosystems ToxiLtd®

- Two-year disposable single gas detector
- Compact and rugged design with one-button operation
- Top and front-mounted bright LED
- Continuous real-time gas reading during alarm
- Optional vibrating alarm
- Automatic event logger
- Compatible with the Biosystems IQ Express™ Single Gas Docking Station

Item #	Description
54-44-01	Carbon Monoxide
54-44-02	Hydrogen Sulfide

*Value pack and vibrating alarm options available; accessories also available*



## Biosystems ToxiPro®

- Compact and rugged design with one-button operation
- Available sensors: O<sub>2</sub>, CO, CO+, H<sub>2</sub>S, SO<sub>2</sub>, Cl<sub>2</sub>, ClO<sub>2</sub>, NH<sub>3</sub>, NO<sub>2</sub>, PH<sub>3</sub>, HCN, CO-H
- Three highly visible yellow and red alarm LEDs that chase
- Continuous real-time gas reading during alarm
- Blackbox data recorder and event logger standard
- Optional vibrating alarm, datalogging, and case
- Compatible with the Biosystems IQ Express™ Single-Gas Docking Station

Item #	Description
54-45-90	Oxygen
54-45-01	Carbon Monoxide
54-45-02	Hydrogen Sulfide

*Value pack, vibrating alarm and datalogging options available; replacement sensors and accessories also available*

**Biosystems ToxiPro® by Sperian has three visual alarm windows for increased worker safety. Each alarm window comes standard with both high visibility yellow and red alarm LEDs. Plus, the Biosystems ToxiPro has an audible alarm that is 10% louder than previous models!**



**Additional options available. Visit [www.sperian.com](http://www.sperian.com) or contact Sperian Customer Care for ordering information.**

For more information or to order products on this page, please call Customer Care at 800 711-6776.

# Single-Sensor Gas Monitors

## Biosystems IQ Express™ Docking Station

- A fully automated bump test and calibration station for the Biosystems ToxiPro® and ToxiLtd® single gas monitors
- Automatically identifies instrument, tests alarms and battery, and downloads records
- Automatic instrument calibration, if necessary
- Link up to four docks to a single gas supply
- Connects to PC via USB port or Ethernet (optional)
- Demand flow regulators, calibration gas and Biosystems ToxiPro and ToxiLtd each sold separately



Item #	Description
54-46-9000	IQ Express with Accessories for O <sub>2</sub> , CO, SO <sub>2</sub> , or H <sub>2</sub> S Instruments
54-46-9100N	Ethernet-Ready Enhanced IQ Express for O <sub>2</sub> , CO, H <sub>2</sub> S, SO <sub>2</sub> , Cl <sub>2</sub> , NO <sub>2</sub> , NH <sub>3</sub> , HCN, or PH <sub>3</sub> Instruments

*Demand flow regulators, calibration gas and Biosystems ToxiPro/ToxiLtd each sold separately*

## Biosystems Toxi Vision® IR

- Utilizes Infrared Sensor Technology
- CO<sub>2</sub> or CH<sub>4</sub> versions available
- Rugged, chrome metal-plated, single sensor gas detector
- Easy one-button operation
- Large LCD display can be seen easily from several feet away
- RFI protection prevents operating interference from electronic devices
- Optional internal vibrating alarm and value pack available



Item #	Description
54-37-50A	CO <sub>2</sub> Detector with Alkaline Battery
54-37-51N	CH <sub>4</sub> Detector with Rechargeable Battery

*Additional options available; contact Sperian Customer Care for complete ordering information*

## Biosystems Toxi Vision® EX

- Rugged, nickel-plated single sensor gas monitor for the detection of combustible gas
- Utilizes a poison-resistant catalytic bead sensor which increases sensor longevity
- RFI shielding prevents operating interference from two-way radios and other electronic devices
- Up to 13-hour battery life, 15-hours for NiMH rechargeable
- Event logger and blackbox recorder are standard equipment on the NiMH version
- Optional internal vibrating alarm and value pack available



Item #	Description
54-37-80A	Combustible Gas Detector with Alkaline Batteries
54-37-80N	Combustible Gas Detector with Rechargeable Battery

**Additional options available.  
Visit [www.sperian.com](http://www.sperian.com) or contact Sperian Customer Care for ordering information.**

For more information or to order products on this page, please call Customer Care at 800 711-6776.

## Multi-Sensor Gas Monitors



### Biosystems PHD6™ Confined Space Gas Monitor

- Monitors up to six atmospheric hazards simultaneously
- Sensors available for oxygen, combustible gas, volatile organic compounds, and several different toxic gases
- Optional Photo Ionization (PID) sensor available for the detection of VOCs
- Optional IR sensors available for the detection of CO<sub>2</sub> or CH<sub>4</sub>
- Built-in blackbox data recorder and datalogging option provides a record of atmospheric conditions during operation
- Optional screw-on pump with automatic leak test and low flow alarm
- Compatible with the Biosystems IQ6™ Docking System

Item #	Description
54-53-A1400800AV	O <sub>2</sub> /Duo-Tox (CO/H <sub>2</sub> S)/LEL Alkaline Value Pack
54-53-A01028085N	O <sub>2</sub> /CO/H <sub>2</sub> S/LEL/PID Rechargeable
54-53-A01028050N	O <sub>2</sub> /CO/H <sub>2</sub> S/LEL/IR-CO <sub>2</sub> Rechargeable
54-53-A14005100NC	O <sub>2</sub> /Duo-Tox (CO/H <sub>2</sub> S)/IR-CH <sub>4</sub> Rechargeable Complete Kit



### Biosystems IQ6™ Docking Station

- A fully automated bump test and calibration station for the Biosystems PHD6™ gas monitor
- Automatically identifies instrument, tests alarms/battery, downloads records
- Automatic instrument bump test and calibration, if necessary
- Connects to PC via USB port or Ethernet
- Recharges instrument if left in dock (rechargeable Biosystems PHD6 only)
- Demand flow regulators, calibration gas and Biosystems PHD6 sold separately



Item #	Description
54-54-9200	Biosystems IQ6 Dock w/Software, Installation Disks and Manual
54-54-9200N	Ethernet-Ready Biosystems IQ6 Dock

*Demand flow regulators, calibration gas and Biosystems PHD6 sold separately*



### Biosystems MultiPro™ Confined Space Gas Monitor

- Real-time readings of up to four gases simultaneously
- Easy one-button operation and calibration
- Large, easy-to-read, front-mounted, backlit LCD display
- Optional screw-on pump with automatic leak test and low flow alarm
- Automatic event logger, blackbox recorder and optional datalogging
- Interchangeable alkaline or rechargeable Li-Ion battery packs
- Compatible with Biosystems MultiPro™ IQ Express™ Docking Station

Item #	Description
54-48-301A	O <sub>2</sub> /CO/LEL Alkaline
54-48-302N	O <sub>2</sub> /H <sub>2</sub> S/LEL Rechargeable
54-48-314AV	O <sub>2</sub> /Duo-Tox (CO/H <sub>2</sub> S)/LEL Alkaline Value Pack
54-48-314NC	O <sub>2</sub> /Duo-Tox (CO/H <sub>2</sub> S)/LEL Rechargeable Complete Kit

*Additional options and accessories available; contact Sperian Customer Care for complete ordering information*

**Additional options available.**  
 Visit [www.sperian.com](http://www.sperian.com) or contact Sperian Customer Care for ordering information.

For more information or to order products on this page, please call Customer Care at 800 711-6776.



# Multi-Sensor Gas Monitors

## Biosystems MultiPro™ IQ Express™ Docking Station

- Fully automated bump test and calibration station for the Biosystems MultiPro gas detector
- Automatically identifies instrument, tests alarms and battery, and downloads records
- Automatic instrument bump test and calibration, if necessary
- Connects to PC via USB port or Ethernet (optional)
- Demand flow regulators, calibration gas and Biosystems MultiPro sold separately



Item #	Description
54-49-9000	Biosystems MultiPro IQ Express Dock w/Software, Installation Disks, Manual
54-49-9000N	Ethernet-Ready Biosystems MultiPro IQ Express Dock

*Demand flow regulators, calibration gas and Biosystems MultiPro sold separately; compatible with docking station*

## Biosystems Multi Vision™

- Easy one-button operation and automatic calibration
- Rugged and weatherproof chrome-plated ABS case
- Optional built-in pump
- Confined space kit and value pack available



Item #	Description
54-40-30100A	O <sub>2</sub> /CO/LEL Alkaline
54-40-30200N	O <sub>2</sub> /H <sub>2</sub> S/LEL Rechargeable
54-40-30102AV	O <sub>2</sub> /Duo-Tox (CO/H <sub>2</sub> S)/LEL Alkaline Value Pack
54-40-30102NC	O <sub>2</sub> /Duo-Tox (CO/H <sub>2</sub> S)/LEL Rechargeable Complete Kit

## Biosystems Cannonball™

- Available with optional, high-sensitivity combustible gas sensor capable of displaying trace PPM-level combustible gases and vapors
- Optional patented dilution pump for proper monitoring of combustible gases and vapors in oxygen deficient (less than 10%) or oxygen-free (fully inerted) environments
- Scratch-resistant, oversized display for easy reading
- Large control buttons and navigation arrows are designed for use with a gloved hand
- Three bright visual alarms ensure that at least one of the LEDs can be viewed at all times



Item #	Description
54-34-30102N	O <sub>2</sub> /CO/H <sub>2</sub> S/LEL Rechargeable
54-35-30102N	O <sub>2</sub> /CO/H <sub>2</sub> S/LEL Rechargeable with Dilution Pump

**Additional options available.**  
 Visit [www.sperian.com](http://www.sperian.com) or contact Sperian Customer Care for ordering information.

For more information or to order products on this page, please call Customer Care at 800 711-6776.

## Fixed Systems

**The Biosystems NXP™ is a safe and reliable fixed placement gas detection system that is both cost effective and ultra easy to install.**

**The NXP offers a full range of installation options and incredible standard features. You can relax with the NXP on the job. Plug it in. Be protected.**

### **NEW! Biosystems NXP™**

- Plugs into standard wall outlet for easy installation
- Integrated twin color high-intensity strobes
- Integrated 105dB Audio Alarm
- Three user-available programmable on-board relays: Warning, Danger and Fault
- On-board event logger records last 128 events
- Tough IP66, NEMA 4X housing protects unit in harsh conditions or during wash-downs
- Unit can be a stand-alone monitor, a remote sensing head and single point control unit or as a transmitter in a larger system



Item #	Description
54-55-010	Carbon Monoxide
54-55-020	Hydrogen Sulfide
54-55-190	Carbon Monoxide with Reduced Hydrogen Sensitivity
54-55-900	Oxygen

*Safety orange housing option available; accessories also available*

## Air Filtration System



**The Biosystems TravelPanel 50MP sets the benchmark for ease of use in the portable air filtration market.**

**Filter changes can be made in just a few minutes. Locking stabilizer legs keep it upright. Calibration of the built-in Biosystems MultiPro gas detector can be made in under a minute.**

### **Biosystems TravelPanel™ 50MP (Portable Air Filtration System)**

- Designed to deliver Grade-D breathing air for up to four workers using supplied air respirators
- Can supply 50 CFM (cubic feet per minute) of purified air
- Three stage filtration system removes particulates, liquids, oil mists and odors. Includes automatic filter change indicator
- Available with NiMH rechargeable or alkaline battery, both with run times as long as 100 hours
- Rugged Pelican™ case with optional stabilizer legs
- Built-in Biosystems MultiPro™ gas detector automatically monitors outlet air for CO (carbon monoxide) contamination
- Optional wall mounting bracket available

Item #	Options
<b>CO/O<sub>2</sub> Sensors</b>	
54-50-331NH0	LED Strobe Light, Locking Stabilizer Legs, Low Pressure Alarm, Rechargeable Battery, and Hansen Outlet Fittings
54-50-300NH1	No Additional Alarm Options, Rechargeable Battery, Hansen Outlet Fittings, MultiPro Datalogger Upgrade, Yellow Case
54-50-331NH3B	LED Strobe Light, Locking Stabilizer Bars, Low Pressure Alarm Option, Rechargeable Battery, Hansen Outlet Fittings, Biosystems MultiPro Datalogger Upgrade and Dustcovers, Black Case
<b>CO Sensor Only</b>	
54-50-100NS0	No Additional Alarm Options, Rechargeable Battery, Schrader Outlet Fittings, No Secondary Options, Yellow Case

*Optional wall mounting bracket available*

**Additional options available. Visit [www.sperian.com](http://www.sperian.com) or contact Sperian Customer Care for ordering information.**

For more information or to order products on this page, please call Customer Care at 800 711-6776.

# SCBA Performance Tester

**NEW! Biosystems Posi 3 USB™ (SCBA Performance Tester)**

- USB communication capability
- Computerized test bench, tests performance of virtually any brand SCBA
- Tests Low Pressure (2216 psig) and High Pressure (4500 psig) units
- Optional Sound Detection System (SDS) automates the primary audible alarm test
- Quick Test evaluates the operational readiness of a SCBA in less than 2 minutes

Item #	Description
54-56-1117	Low and High Pressure (2216 and 4500 psig) with Middle Stage Transducer, Including Enhanced Precision (EP) Transducer and Biosystems Posi 3 USB SCBA Test Software
54-56-1117-L	Biosystems Posi 3 USB (EP) with Laptop Computer Package
54-56-2117	Low and High Pressure (2216 and 4500 psig) with Middle Stage Transducer, Including Enhanced Precision (EP) Transducer, Sound Detection System (SDS) and Biosystems Posi 3 USB SCBA Test Software
54-56-2117-L	Biosystems Posi 3 USB (EP and SDS) with Laptop Computer Package

**Upgrade Your Existing PosiChek3®**

Item #	Description
54-21-09	Upgrade a Biosystems PosiChek3 to a Biosystems Posi 3 USB
54-21-10	Upgrade a Biosystems PosiChek3 with Sound Detection System to a Biosystems Posi 3 USB



**The Biosystems Posi 3 USB™ is the industry's leading NFPA-Compliant SCBA Test Bench.**

Fire Departments, refineries, chemical plants, and nuclear power stations rely on the Biosystems Posi 3 USB to verify that their SCBAs are fit for use.



**Additional options available. Visit [www.sperian.com](http://www.sperian.com) or contact Spierian Customer Care for ordering information.**

For more information or to order products on this page, please call Customer Care at 800 711-6776.

## Reference: Docking Stations

### Docks: The Most Important Part of an Effective Gas Detection Program

At Sperian Protection, we're convinced that we make the best docks on the market. Our docks offer incredible processing power and flexibility while being extremely easy to use. The worker just drops the detector in the dock at the beginning of his or her shift and the dock processes the instrument according to your recordkeeping protocols. It's that easy.

#### 1. Docks reduce calibration gas expenses

Sperian's docks use a lot less gas than is used during manual calibrations. Here's an example: If you have 10 Biosystems MultiPro™ gas detectors and follow the ISEA guideline that recommends daily sensor verification, you could spend over \$10,000 per year in gas costs. If you purchase a dock, you can reduce your gas costs by over 60%. So the Biosystems IQ Express™ Dock could save you well over \$6,000 per year in gas costs alone.

#### 2. Docks reduce labor expenses by cutting down on the time needed to perform a calibration

To set up and perform a manual bump test of a single instrument takes the average user about 2 minutes. A Biosystems IQ Express™ Dock can perform a bump test in about 22 seconds. If you need to bump 10 instruments every morning, you could save over 60 hours of labor by the end of the first year.

#### 3. Docks reduce labor expenses associated with recordkeeping

Let's face it: Recordkeeping is a lot of work. Downloading individual instrument records one at a time into a PC can take hours. Tracking calibration and exposure records by hand is even worse. In a Biosystems IQ Express™ Dock, both of these procedures occur automatically during instrument processing.

#### 4. Docks can reduce your legal liability

No matter how good your recordkeeping is, manual systems are prone to error. In case of an accident, errors mean liability. Our docks accurately record every test. Your recordkeeping is flawless.



**Sperian's IQ Docking Stations pay for themselves in no time!**

## Sperian Instrumentation

### Single-Sensor Gas Monitors

#### Biosystems ToxiLtd® Single Gas Detector

Item #	Description
54-44-01	Biosystems ToxiLtd with CO Sensor
54-44-01V	Biosystems ToxiLtd with CO Sensor w/Vibrating Alarm
54-44-02	Biosystems ToxiLtd with H <sub>2</sub> S Sensor
54-44-02V	Biosystems ToxiLtd with H <sub>2</sub> S Sensor w/Vibrating Alarm

#### Biosystems ToxiPro® Single Gas Detector

Item #	Description
54-45-90	Biosystems ToxiPro with O <sub>2</sub> Sensor
54-45-90V	Biosystems ToxiPro with O <sub>2</sub> Sensor w/Vibrating Alarm
54-45-01	Biosystems ToxiPro with CO Sensor
54-45-01V	Biosystems ToxiPro with CO Sensor w/Vibrating Alarm
54-45-05	Biosystems ToxiPro with CO+ Sensor
54-45-05V	Biosystems ToxiPro with CO+ Sensor w/Vibrating Alarm
54-45-19	Biosystems ToxiPro with CO-H Sensor
54-45-19V	Biosystems ToxiPro with CO-H Sensor w/Vibrating Alarm
54-45-02	Biosystems ToxiPro with H <sub>2</sub> S Sensor
54-45-02V	Biosystems ToxiPro with H <sub>2</sub> S Sensor w/Vibrating Alarm
54-45-03	Biosystems ToxiPro with SO <sub>2</sub> Sensor
54-45-03V	Biosystems ToxiPro with SO <sub>2</sub> Sensor w/Vibrating Alarm
54-45-21	Biosystems ToxiPro with NH <sub>3</sub> Sensor
54-45-21V	Biosystems ToxiPro with NH <sub>3</sub> Sensor w/Vibrating Alarm
54-45-18	Biosystems ToxiPro with Cl <sub>2</sub> (specific) Sensor
54-45-18V	Biosystems ToxiPro with Cl <sub>2</sub> (specific) Sensor w/Vibrating Alarm
54-45-20	Biosystems ToxiPro with ClO <sub>2</sub> Sensor
54-45-20V	Biosystems ToxiPro with ClO <sub>2</sub> Sensor w/Vibrating Alarm
54-45-09	Biosystems ToxiPro with NO <sub>2</sub> Sensor
54-45-09V	Biosystems ToxiPro with NO <sub>2</sub> Sensor w/Vibrating Alarm
54-45-10	Biosystems ToxiPro with HCN Sensor
54-45-10V	Biosystems ToxiPro with HCN Sensor w/Vibrating Alarm
54-45-13	Biosystems ToxiPro with PH <sub>3</sub> Sensor
54-45-13V	Biosystems ToxiPro with PH <sub>3</sub> Sensor w/Vibrating Alarm

#### Biosystems ToxiPro® Replacement Sensors

Item #	Description
54-47-90	Biosystems ToxiPro O <sub>2</sub> Sensor Oxygen (2 Years)
54-47-01	Biosystems ToxiPro CO Sensor
54-47-05	Biosystems ToxiPro CO+ Dual purpose CO/H <sub>2</sub> S Sensor (Provides a Non-Specific Readout for CO and H <sub>2</sub> S)
54-47-19	Biosystems ToxiPro CO-H Sensor, Reduced Sensitivity to H <sub>2</sub>
54-47-02	Biosystems ToxiPro H <sub>2</sub> S Sensor
54-47-03	Biosystems ToxiPro SO <sub>2</sub> Sensor
54-47-15	Biosystems ToxiPro SO <sub>2</sub> -Ext Sensor (extended range)
54-47-21	Biosystems ToxiPro NH <sub>3</sub> Sensor
54-47-18	Biosystems ToxiPro Cl <sub>2</sub> Sensor (specific)
54-47-20	Biosystems ToxiPro ClO <sub>2</sub> Sensor (specific)
54-47-09	Biosystems ToxiPro NO <sub>2</sub> Sensor
54-47-10	Biosystems ToxiPro HCN Sensor
54-47-13	Biosystems ToxiPro PH <sub>3</sub> Sensor

#### Biosystems ToxiPro®/ToxiLtd® IQ Express™ Docking Station

Item #	Description
54-46-9000	Biosystems IQ Express Docking Station, Standard Version (for O <sub>2</sub> , CO, SO <sub>2</sub> or H <sub>2</sub> S)

54-46-9000N	Biosystems IQ Express Docking Station, Ethernet-Ready Standard Version (for O <sub>2</sub> , CO, SO <sub>2</sub> or H <sub>2</sub> S)
54-46-9100	Biosystems IQ Express Dock, Enhanced Version (for O <sub>2</sub> , CO, H <sub>2</sub> S, SO <sub>2</sub> , Cl <sub>2</sub> , NO <sub>2</sub> , NH <sub>3</sub> , HCN or PH <sub>3</sub> )
54-46-9100N	Biosystems IQ Express Dock, Ethernet-Ready Enhanced (for O <sub>2</sub> , CO, H <sub>2</sub> S, SO <sub>2</sub> , Cl <sub>2</sub> , NO <sub>2</sub> , NH <sub>3</sub> , HCN or PH <sub>3</sub> )

#### Biosystems Toxi Vision® IR Single Gas Detector

Item #	Description
54-37-50A	Biosystems Toxi Vision IR CO <sub>2</sub> with Alkaline Batteries
54-37-50N	Biosystems Toxi Vision IR CO <sub>2</sub> with Rechargeable Battery
54-37-51A	Biosystems Toxi Vision IR CH <sub>4</sub> with Alkaline Batteries
54-37-51N	Biosystems Toxi Vision IR CH <sub>4</sub> with Rechargeable Battery

#### Biosystems Toxi Vision® EX Single Gas Detector

Item #	Description
54-37-80A	Biosystems Toxi Vision EX with Alkaline Batteries
54-37-80N	Biosystems Toxi Vision EX with Rechargeable NiMH Battery

### Multi-Sensor Gas Monitors

#### Biosystems PHD6™ Multi-Gas Detector

Item #	Description
54-53-A14008000AV	O <sub>2</sub> /Duo-Tox (CO/H <sub>2</sub> S)/LEL Alkaline Value Pack
54-53-A14005100NC	O <sub>2</sub> /Duo-Tox (CO/H <sub>2</sub> S)/IR-CH <sub>4</sub> Rechargeable Complete Kit
54-53-A01028000A	Biosystems PHD6 with O <sub>2</sub> /CO/H <sub>2</sub> S/LEL Alkaline
54-53-A01028000AV	Biosystems PHD6 with O <sub>2</sub> /CO/H <sub>2</sub> S/LEL Alkaline Value Pack
54-53-A01028000AC	Biosystems PHD6 with O <sub>2</sub> /CO/H <sub>2</sub> S/LEL Alkaline Confined Space Kit
54-53-A01028000N	Biosystems PHD6 with O <sub>2</sub> /CO/H <sub>2</sub> S/LEL Li-Ion Rechargeable
54-53-A01028000NC	Biosystems PHD6 with O <sub>2</sub> /CO/H <sub>2</sub> S/LEL Li-Ion Confined Space Kit
54-53-A01028000ND	Biosystems PHD6 with O <sub>2</sub> /CO/H <sub>2</sub> S/LEL Li-Ion, Datalogger Upgrade
54-53-A01028000NY	Biosystems PHD6 with O <sub>2</sub> /CO/H <sub>2</sub> S/LEL Li-Ion, Vibrating Alarm
54-53-A01028000NW	Biosystems PHD6 with O <sub>2</sub> /CO/H <sub>2</sub> S/LEL Li-Ion, Datalogger Upgrade, Vibrating Alarm
54-53-A14035100N	Biosystems PHD6 with O <sub>2</sub> /Duo-Tox(CO/H <sub>2</sub> S)/SO <sub>2</sub> /IR-CH <sub>4</sub> Li-Ion Rechargeable
54-53-A14035100NC	Biosystems PHD6 with O <sub>2</sub> /Duo-Tox(CO/H <sub>2</sub> S)/SO <sub>2</sub> /IR-CH <sub>4</sub> Li-Ion Confined Space Kit
54-53-A01028050N	Biosystems PHD6 with O <sub>2</sub> /CO/H <sub>2</sub> S/LEL/IR-CO <sub>2</sub> Li-Ion Rechargeable
54-53-A01028050NC	Biosystems PHD6 with O <sub>2</sub> /CO/H <sub>2</sub> S/LEL/IR-CO <sub>2</sub> Li-Ion Confined Space Kit
54-53-A01028085N	Biosystems PHD6 w/O <sub>2</sub> /CO/H <sub>2</sub> S/LEL/PID Li-Ion Rechargeable
54-53-A01028085NC	Biosystems PHD6 w/O <sub>2</sub> /CO/H <sub>2</sub> S/LEL/PID Li-Ion Confined Space Kit
54-53-A14038000N	Biosystems PHD6 with O <sub>2</sub> /Duo-Tox(CO/H <sub>2</sub> S)/SO <sub>2</sub> /LEL Li-Ion Rechargeable
54-53-A14038000NC	Biosystems PHD6 with O <sub>2</sub> /Duo-Tox(CO/H <sub>2</sub> S)/SO <sub>2</sub> /LEL Li-Ion Confined Space Kit
54-53-A14218085N	Biosystems PHD6 with O <sub>2</sub> /Duo-Tox(CO/H <sub>2</sub> S)/NH <sub>3</sub> /LEL/PID Li-Ion Rechargeable
54-53-A14218085NC	Biosystems PHD6 with O <sub>2</sub> /Duo-Tox(CO/H <sub>2</sub> S)/NH <sub>3</sub> /LEL/PID Li-Ion Confined Space Kit
54-53-A14188085N	Biosystems PHD6 with O <sub>2</sub> /Duo-Tox(CO/H <sub>2</sub> S)/Cl <sub>2</sub> /LEL/PID Li-Ion Rechargeable
54-53-A14188085NC	Biosystems PHD6 with O <sub>2</sub> /Duo-Tox(CO/H <sub>2</sub> S)/Cl <sub>2</sub> /LEL/PID Li-Ion Confined Space Kit
54-53-A14108085N	Biosystems PHD6 with O <sub>2</sub> /Duo-Tox(CO/H <sub>2</sub> S)/HCN/LEL/PID Li-Ion Rechargeable

## Sperian Instrumentation

### Biosystems PHD6™ Multi-Gas Detector (continued)

Item #	Description
54-53-A14108085NC	Biosystems PHD6 with O <sub>2</sub> /Duo-Tox(CO/H <sub>2</sub> S)/HCN/LEL/PID Li-Ion Confined Space Kit

### Biosystems IQ6™ Docking Station for PHD6

Item #	Description
54-54-9200	Biosystems IQ6 Docking Station for Biosystems PHD6
54-54-9200N	Biosystems Ethernet-Ready IQ6 Docking Station for Biosystems PHD6

### Biosystems MultiPro™ Multi-Gas Detector

Item #	Description
54-48-300A	Biosystems MultiPro with O <sub>2</sub> /LEL Alkaline
54-48-300AV	Biosystems MultiPro with O <sub>2</sub> /LEL Alkaline Value Pack
54-48-300AC	Biosystems MultiPro with O <sub>2</sub> /LEL Alkaline Complete Kit
54-48-300N	Biosystems MultiPro with O <sub>2</sub> /LEL Li-Ion Rechargeable
54-48-300NV	Biosystems MultiPro with O <sub>2</sub> /LEL Li-Ion Value Pack
54-48-300NC	Biosystems MultiPro with O <sub>2</sub> /LEL Li-Ion Complete Kit
54-48-301A	Biosystems MultiPro with O <sub>2</sub> /LEL/CO Alkaline
54-48-301AV	Biosystems MultiPro with O <sub>2</sub> /LEL/CO Alkaline Value Pack
54-48-301AC	Biosystems MultiPro with O <sub>2</sub> /LEL/CO Alkaline Complete Kit
54-48-301N	Biosystems MultiPro with O <sub>2</sub> /LEL/CO Li-Ion Rechargeable
54-48-301NV	Biosystems MultiPro with O <sub>2</sub> /LEL/CO Li-Ion Value Pack
54-48-301NC	Biosystems MultiPro with O <sub>2</sub> /LEL/CO Li-Ion Complete Kit
54-48-302A	Biosystems MultiPro with O <sub>2</sub> /LEL/H <sub>2</sub> S Alkaline
54-48-302AV	Biosystems MultiPro with O <sub>2</sub> /LEL/H <sub>2</sub> S Alkaline Value Pack
54-48-302AC	Biosystems MultiPro with O <sub>2</sub> /LEL/H <sub>2</sub> S Alkaline Complete Kit
54-48-302N	Biosystems MultiPro with O <sub>2</sub> /LEL/H <sub>2</sub> S Li-Ion Rechargeable
54-48-302NV	Biosystems MultiPro with O <sub>2</sub> /LEL/H <sub>2</sub> S Li-Ion Value Pack
54-48-302NC	Biosystems MultiPro with O <sub>2</sub> /LEL/H <sub>2</sub> S Li-Ion Complete Kit
54-48-314A	Biosystems MultiPro with O <sub>2</sub> /LEL/CO/H <sub>2</sub> S Alkaline
54-48-314AV	Biosystems MultiPro with O <sub>2</sub> /LEL/CO/H <sub>2</sub> S Alkaline Value Pack
54-48-314AC	Biosystems MultiPro with O <sub>2</sub> /LEL/CO/H <sub>2</sub> S Alkaline Complete Kit
54-48-314N	Biosystems MultiPro with O <sub>2</sub> /LEL/CO/H <sub>2</sub> S Li-Ion Rechargeable
54-48-314NV	Biosystems MultiPro with O <sub>2</sub> /LEL/CO/H <sub>2</sub> S Li-Ion Value Pack
54-48-314NC	Biosystems MultiPro with O <sub>2</sub> /LEL/CO/H <sub>2</sub> S Li-Ion Complete Kit

### Biosystems MultiPro™ Sensors

Item #	Description
54-49-80	Biosystems MultiPro LEL Sensor (Combustible Gas)
54-49-90	Biosystems MultiPro O <sub>2</sub> Sensor (Oxygen)
54-49-01	Biosystems MultiPro CO Sensor (Carbon Monoxide)
54-49-02	Biosystems MultiPro H <sub>2</sub> S Sensor (Hydrogen Sulfide)
54-49-14	Biosystems MultiPro Duo-Tox Sensor (Dual Channel CO/H <sub>2</sub> S)
54-49-200	Biosystems MultiPro Sensor Exchange Set O <sub>2</sub> , LEL, Duo-Tox
54-49-201	Biosystems MultiPro Sensor Exchange Set O <sub>2</sub> , LEL, CO
54-49-202	Biosystems MultiPro Sensor Exchange Set O <sub>2</sub> , LEL, H <sub>2</sub> S

### Biosystems MultiPro™ Accessories

Item #	Description
54-49-103-1	Slip-In Fast Charger (110 VAC) for Biosystems MultiPro Includes "Wall Cube" Supply
54-49-103-12	Slip-In Fast Vehicle Charger (12 VDC) for Biosystems MultiPro Includes Adapter, and Vehicle Mounting Hardware
54-49-106	Biosystems MultiPro Alkaline Battery Pack
54-49-107	Biosystems MultiPro Li-Ion Rechargeable Battery Pack
54-49-108	Biosystems MultiPro Datalogger Upgrade. Software and Activation Codes. Serial Number Required to Order
54-26-0603	MultiPro Biotrak Software Kit. Includes Biotrak Software and Manual

### Biosystems MultiPro™ IQ Express Dock

Item #	Description
54-49-9000	Biosystems IQ Express Docking Station with Software, Installation Disks and Manuals
54-49-9000N	Ethernet-Ready Biosystems IQ Express Docking Station with Software, Installation Disks and Manuals

### Biosystems Multi Vision™ Multi-Gas Detector

Item #	Description
54-40-30000A	Biosystems Multi Vision with O <sub>2</sub> /LEL Alkaline
54-40-30000AV	Biosystems Multi Vision with O <sub>2</sub> /LEL Alkaline Value Pack
54-40-30000AC	Biosystems Multi Vision with O <sub>2</sub> /LEL Alkaline Complete Kit
54-40-30000N	Biosystems Multi Vision with O <sub>2</sub> /LEL NiMH Rechargeable
54-40-30000NC	Biosystems Multi Vision with O <sub>2</sub> /LEL NiMH Complete Kit
54-40-30100A	Biosystems Multi Vision with O <sub>2</sub> /LEL/CO Alkaline
54-40-30100AV	Biosystems Multi Vision with O <sub>2</sub> /LEL/CO Alkaline Value Pack
54-40-30100AC	Biosystems Multi Vision with O <sub>2</sub> /LEL/CO Alkaline Complete Kit
54-40-30100N	Biosystems Multi Vision with O <sub>2</sub> /LEL/CO NiMH Rechargeable
54-40-30100NC	Biosystems Multi Vision with O <sub>2</sub> /LEL/CO NiMH Complete Kit
54-40-30200A	Biosystems Multi Vision with O <sub>2</sub> /LEL/H <sub>2</sub> S Alkaline
54-40-30200AV	Biosystems Multi Vision with O <sub>2</sub> /LEL/H <sub>2</sub> S Alkaline Value Pack
54-40-30200AC	Biosystems Multi Vision with O <sub>2</sub> /LEL/H <sub>2</sub> S Alkaline Complete Kit
54-40-30200N	Biosystems Multi Vision with O <sub>2</sub> /LEL/H <sub>2</sub> S NiMH Rechargeable
54-40-30200NC	Biosystems Multi Vision with O <sub>2</sub> /LEL/H <sub>2</sub> S NiMH Complete Kit
54-40-30102A	Biosystems Multi Vision with O <sub>2</sub> /LEL/CO/H <sub>2</sub> S Alkaline
54-40-30102AV	Biosystems Multi Vision with O <sub>2</sub> /LEL/CO/H <sub>2</sub> S Alkaline Value Pack
54-40-30102AC	Biosystems Multi Vision with O <sub>2</sub> /LEL/CO/H <sub>2</sub> S Alkaline Complete Kit
54-40-30102N	Biosystems Multi Vision with O <sub>2</sub> /LEL/CO/H <sub>2</sub> S NiMH Rechargeable
54-40-30102NC	Biosystems Multi Vision with O <sub>2</sub> /LEL/CO/H <sub>2</sub> S NiMH Complete Kit

### Biosystems Multi Vision™ Sensors

Item #	Description
54-42-80	Biosystems Multi Vision LEL Combustible Gas
54-42-90	Biosystems Multi Vision O <sub>2</sub> Oxygen
54-42-01	Biosystems Multi Vision CO Carbon Monoxide
54-42-02	Biosystems Multi Vision H <sub>2</sub> S Hydrogen Sulfide
54-42-101	Biosystems Multi Vision Exchange Set of 4 Sensors. O <sub>2</sub> , LEL, CO and H <sub>2</sub> S

### Biosystems Multi Vision™ Accessories

Item #	Description
54-41-004B	Biosystems Multi Vision Rubber Boot, Black
54-41-004R	Biosystems Multi Vision Rubber Boot, Red
54-41-004Y	Biosystems Multi Vision Rubber Boot, Yellow
54-41-007	Biosystems Multi Vision Manual Sample Draw Kit. Includes Adapter, Squeeze Bulb, 10' Of Tubing
54-41-008	Biosystems Multi Vision Biotrak Download Software Requires Multi Vision Datalogging Option Be Installed

### Biosystems Cannonball3™ Multi-Gas Detector

Item #	Description
54-34-30000A	Biosystems Cannonball3 with O <sub>2</sub> /LEL Alkaline
54-34-30000N	Biosystems Cannonball3 with O <sub>2</sub> /LEL NiMH Rechargeable
54-35-30000N	Biosystems Cannonball3 with O <sub>2</sub> /LEL NiMH, Dilution Pump
54-34-30102A	Biosystems Cannonball3 with O <sub>2</sub> /LEL/CO/H <sub>2</sub> S Alkaline
54-34-30102N	Biosystems Cannonball3 with O <sub>2</sub> /LEL/CO/H <sub>2</sub> S NiMH Rechargeable
54-34-31403N	Biosystems Cannonball3 with O <sub>2</sub> /LEL/Duo-Tox (CO/H <sub>2</sub> S)/SO <sub>2</sub> NiMH Rechargeable

For more information or to order products on this page, please call Customer Care at 800 711-6776.

# Sperian Instrumentation

## Fixed Systems

### Biosystems NXP™ Fixed Gas Detection System

Item #	Description
54-55-010	Biosystems NXP with CO Sensor w/Light Grey Housing
54-55-020	Biosystems NXP with H <sub>2</sub> S Sensor w/Light Grey Housing
54-55-030	Biosystems NXP with SO <sub>2</sub> Sensor w/Light Grey Housing
54-55-190	Biosystems NXP with CO-H Sensor w/Light Grey Housing
54-55-800	Biosystems NXP with LEL Sensor w/Light Grey Housing
54-55-900	Biosystems NXP with O <sub>2</sub> Sensor w/Light Grey Housing
54-55-011	Biosystems NXP with CO Sensor w/Safety Orange Housing
54-55-021	Biosystems NXP with H <sub>2</sub> S Sensor w/Safety Orange Housing
54-55-031	Biosystems NXP with SO <sub>2</sub> Sensor w/Safety Orange Housing
54-55-191	Biosystems NXP with CO-H Sensor w/Safety Orange Housing
54-55-801	Biosystems NXP with LEL Sensor w/Safety Orange Housing
54-55-901	Biosystems NXP with O <sub>2</sub> Sensor w/Safety Orange Housing

### Biosystems NXP™ Accessories

Item #	Description
54-57-00N	Biosystems Non-Explosion Proof Remote Sensor Kit
54-57-00E	Biosystems Explosion-Proof Remote Sensor Kit
54-57-05C	5 ft / 1.5 m Cable for Biosystems Remote Sensor Kit
54-57-10C	10 ft / 3.0 m Cable for Biosystems Remote Sensor Kit
54-57-50C	50 ft / 15 m Cable for Biosystems Remote Sensor Kit
54-57-100C	100 ft / 30 m Cable for Biosystems Remote Sensor Kit

### Biosystems NXP™ Replacement Sensors

Item #	Description
54-57-01S	Biosystems NXP CO Smart Sensor Carbon Monoxide
54-57-02S	Biosystems NXP H <sub>2</sub> S Smart Sensor Hydrogen Sulfide
54-57-03S	Biosystems NXP SO <sub>2</sub> Smart Sensor Sulfur Dioxide
54-57-19S	Biosystems NXP CO-H Smart Sensor Carbon Monoxide, Reduced Sensitivity to H <sub>2</sub>
54-57-80S	Biosystems NXP LEL Smart Sensor Combustible Gas
54-57-90S	Biosystems NXP O <sub>2</sub> Smart Sensor Oxygen

## Air Filtration System

### Biosystems TravelPanel™ 50MP

Item #	Description
54-50-331NH0	Biosystems TravelPanel 50MP w/Biosystems MultiPro CO/O <sub>2</sub> , Strobe Light, Locking Legs, Low Pressure Alarm, NiMH Rech. Battery, Hansen Fittings
54-50-300NH1	No Additional Alarm Options, Rechargeable Battery, Hansen Outlet Fittings, MultiPro Datalogger Upgrade, Yellow Case
54-50-331NH3B	LED Strobe Light, Locking Stabilizer Bars, Low Pressure Alarm Option, Rechargeable Battery, Hansen Outlet Fittings, Biosystems MultiPro Datalogger Upgrade and Dustcovers, Black Case
54-50-100NS0	CO Sensor Only, No Additional Alarm Options, Rechargeable Battery, Schrader Outlet Fittings, No Secondary Options, Yellow Case
54-50-130AH0	Biosystems TravelPanel 50MP w/Biosystems MultiPro CO, Strobe Light, Locking Legs, Alk Battery, Hansen Fittings
54-50-130NH0	Biosystems TravelPanel 50MP w/Biosystems MultiPro CO, Strobe Light, Locking Legs, NiMH Rech. Battery, Hansen Fittings
54-50-331AH0	Biosystems TravelPanel 50MP w/Biosystems MultiPro CO/O <sub>2</sub> , Strobe Light, Locking Legs, Low Pressure Alarm, Alk Battery, Hansen Fittings

### Biosystems TravelPanel™ 50MP Accessories

Item #	Description
61-007	Replacement Element for Pre-Filter
61-081	Replacement Element for Coalescing Filter
61-009	Replacement Element for Activated Charcoal Filter
17-076	O-Ring for Pre-Filter
17-007	O-Ring for Coalescing and Charcoal Filters (One Each Required)
54-51-001	Calibration Kit (Includes 54-9033 CO Calibration/Test Gas, 12-023 Regulator and Case)
54-51-002	Value Calibration Kit (Includes 54-9036 CO Calibration/Test Gas, 12-022 Regulator and Case)

## SCBA Performance Tester

### Biosystems Posi 3 USB™ SCBA Tester

Item #	Description
54-56-1117	Low and High Pressure (2216 and 4500 psig) with Middle Stage Transducer, Including Enhanced Precision (EP) Transducer and Biosystems Posi 3 USB SCBA Test Software
54-56-1117-L	Biosystems Posi 3 USB (EP) with Laptop Computer Package
54-56-2117	Low and High Pressure (2216 and 4500 psig) with Middle Stage Transducer, Including Enhanced Precision (EP) Transducer, Sound Detection System (SDS) and Biosystems Posi 3 USB SCBA Test Software
54-20-2117-L	Biosystems Posi 3 USB (EP and SDS) with Laptop Computer Package

### Upgrade Your Existing PosiChek3®

Item #	Description
54-21-09	Upgrade a Biosystems PosiChek3 to a Biosystems Posi 3 USB
54-21-10	Upgrade a Biosystems PosiChek3 with Sound Detection System to a Biosystems Posi 3 USB



SPERIAN Protection Americas, Inc.  
900 Douglas Pike  
Smithfield, RI 02917  
Tel: 800 343-3411  
Fax: 800 322-1330  
[www.sperian.com](http://www.sperian.com)



# SAFETY PRODUCTS CATALOG 2010



**INDUSTRIAL SAFETY GROUP**

**SPERIAN**  
Protection you can trust



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**⚠ WARNING!** Sperian® protective glove products should only be used in conjunction with the manufacturer's instructions. Failure to follow such instructions could result in serious injury.

**Hand protection with a Perfect Fit**

# Sperian Hand & Arm Protection

## HAND PROTECTION WITH A PERFECT FIT

Sperian Protective Gloves USA, LLC, the new name of Perfect Fit Glove Co., LLC, has long been a leader in hand and arm protection. Since 1973, we have dedicated ourselves to providing our customers with better, more cost-effective protection against work hazards.



More than 35 years later, Sperian Protective Gloves is evolving in the changing world of safety and protection. We have a clear vision of our future and are taking bold, innovative strides to achieve this vision. We remain a leader in seamless knits, and we are developing new technology in fibers and coatings to enhance their performance. We have refined our product offering to allow for innovation of new products and expansion of well-defined existing product lines.

To meet the demands of today's increasingly specialized industries, we offer design creativity, global glove knowledge and the widest array of fibers, coatings and reinforcements available. Our worldwide dedicated team of experienced problem solvers works with safety professionals to determine which gloves will provide the best protection for every unique or demanding application.

Our Hand Protection Specialists are available for on-site reviews and wear-testing of products so that you can be confident of expert attention on every project.

## Cut-Resistant Gloves

**DuPont® Kevlar® brand fiber construction for cut resistance (Kevlar is a highly cut- and heat-resistant fiber).**

**Cut-resistant gloves, manufactured by Sperian, are constructed with DuPont Kevlar brand fiber, providing exceptional cut, slash, heat and flame resistance.**

100% Kevlar brand fiber is five times stronger than steel on an equal weight basis, providing excellent protection from cut, slash and abrasion hazards. Kevlar brand fiber can withstand temperatures up to 900°F (480°C).

### Applications:

- Sheet Metal
- Glass Handling
- Canning
- Automotive Sub-Assembly
- Welding
- Injection Molding
- Metal Stamping
- Automotive Manufacturing
- Steel Manufacturing

*DuPont® and Kevlar® are registered trademarks of E.I. duPont de Nemours and Company or its affiliated companies.*



### DuPont® Kevlar® Cut-Resistant Gloves

#### Perfect Fit® (Uncoated)

- Seamless knit construction eliminates uncomfortable seams that can rub or chafe
- 100% Kevlar can withstand temperatures up to 900°F (480°C) without breaking down
- Gloves are easily laundered with minimized shrinkage
- Offered in a variety of weights, sizes and coating options for the ultimate in performance, comfort and fit



Item #	Description	Size
KV13A	Lightweight 100% Kevlar, Yellow	Men's
KVSP13A	Lightweight Kevlar/Lycra Blend, Yellow	Men's
KV18A-100	Standard Weight 100% Kevlar, Yellow	Men's
BK-KV18	Standard Weight 100% Kevlar, Black	Men's
KV17A-PL	Lightweight Kevlar/Cotton Plated, Yellow/White	Men's
KV20A-100	Heavyweight 100% Kevlar, Yellow	Men's

#### Perfect Fit® (Coated)

- PVC coatings available in various colors
- Coatings are durable, flexible and long lasting through a unique coating process
- Coatings provide added abrasion resistance and sure grip
- Coating pattern can be applied on one or both sides of the glove



Item #	Description	Size
KVD18A-100	Single Side PVC Dot, Standard Weight 100% Kevlar	Men's
KVD18AR-100	Double Side PVC Dot, Standard Weight 100% Kevlar	Men's
KVD20AR-100	Double Side PVC Dot, Heavyweight 100% Kevlar	Men's

#### NEW! Perfect Fit CRT™

- Proprietary blend of cut-resistant fibers
- ANSI Level 4 cut protection, lightweight comfort without sacrificing protection
- Seamless knit construction eliminates irritation caused by seams that can rub or chafe
- Soft and flexible gloves offer excellent dexterity for applications
- High abrasion level allows gloves to wear longer

Item #	Description	Size
CRT13	Lightweight Seamless Knit	Men's
CRT17	Economy, Standard Weight Seamless Knit	Men's
CRT18	Standard Weight Seamless Knit	Men's
CRT20	Heavyweight Seamless Knit	Men's

**⚠ Warning:** Gloves are not cut- or puncture-proof, not recommended for use with moving or serrated blades.

#### Hand protection with a Perfect Fit

For more information or to order products on this page, please call Customer Care at 800 430-5490.

# Cut-Resistant Gloves

## Sperian® Junk Yard Dog® Series

### Top Dog™

- DuPont® Kevlar® Armor is an engineered yarn of Kevlar and stainless steel
- Sheath core design covers the stainless steel core with Kevlar which optimizes comfort
- ANSI/ASTM cut level 4 for superior protection



KV18-55

Item #	Description	Size
KV18-55	Standard Weight Kevlar Armor Liner, Leather Palm	Men's

### Junk Yard Dog®

- 100% DuPont® Kevlar® seamless knit liner
- Premium leather palm is great for grip of oily objects
- Leather reinforced thumb crotch

Item #	Description	Size
KV18A-100-50	Standard Weight, 100% Kevlar with Full Premium Leather Palm	Men's



KV18A-100-50

### Bull Dog™

- 100% DuPont® Kevlar® knit liner is comfortable and flexible
- Leather covers palm, fingers and wraps between fingers for more protection
- A great price for the performance



KV18-45

Item #	Description	Size
KV18-45	Standard Weight 100% Kevlar Liner with Leather Palm	Men's

### GuardDog®

- 100% Kevlar® fiber lining for superior hand protection in hazardous applications
- Double-lock Kevlar fiber stitched construction for added reinforcement
- Premium grade leather for added durability and improved grip in oily applications
- Safety cuff for easy on-off and increased wrist protection



KV224D

Item #	Description	Size
KV224D	Premium, Heavy Duty Work Glove with Kevlar Seamless Liner	Men's
KV260G	Premium, Heavy Duty Work Glove with Kevlar Seamless Liner, 5 1/2" Cuff	Men's

## Sperian® Junk Yard Dog Series

### Applications:

- Automotive Assembly
- Sheet Metal
- Glass Handling
- Metal Stamping
- Metal Fabrication
- Recycling
- Canning
- Injection Molding
- Pulp and Paper Industry



▲ **Warning:** Gloves are not cut- or puncture-proof, not recommended for use with moving or serrated blades.

### Hand protection with a Perfect Fit

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Cut-Resistant Gloves

### Perfect Fit HPPE Fiber

**HPPE, High Performance Polyethylene (also called UHMWPE, Ultra High Molecular Weight Polyethylene) is an extremely high tenacity, engineered yarn. A core of HPPE fiber and glass fiber are wrapped and sealed with a HPPE filament yarn. Other fibers such as steel, aramid, or nylon can be spun with HPPE to enhance even further the properties of our gloves and sleeves.**

HPPE gloves withstand commercial laundry-room detergents and cool water temperatures up to 120°F (49°C). Lower heat settings (up to 180°F) are suggested for drying as extreme heat may cause shrinking and degradation of fiber. The product may be repeatedly bleached with diluted solution or disinfected without harm and will not discolor.

#### Applications:

- Food Processing
- Food Packaging
- Meat and Poultry Industries
- Restaurants
- Commercial Fishing

### Cut-Resistant Gloves with HPPE Fibers

#### Perfect Fit® (Uncoated)

- Color coded sizing on cuffs for easy sizing after laundering
- HPPE is lightweight, low-linting, and does not easily absorb liquids
- ASTM cut level 4 (on some items) for advanced protection



PF13-GY-SS

Item #	Description	Size
PF13	Lightweight HPPE Fiber, White or Gray (PF13-GY)	XS-XL
PF10-GY	Medium Weight HPPE Fiber, Gray	XS-XL
HPF7	Heavyweight HPPE Fiber, White or Gray (HPF7-GY)	XS-XL
PF13GY-(size)-SS	Lightweight HPPE Fiber and Stainless Steel, Gray	S-XL
PF7-GY-(size) SS	Heavyweight HPPE Fiber with Stainless Steel, Gray	XS-XL
KVPF7	Heavyweight, Kevlar and HPPE blend	XS-XL

Ordering Key: Add -XS, -S, -M, -L, -XL after part number on coated styles to denote size

#### Perfect Fit® (Treated and Leather Palm)

- Gloves are blended with AlphaSan®, a silver-based antimicrobial agent
- Treated fiber resists product discoloration and inhibits the growth of bacterial odors
- PF13-GY-SS-PL provides ANSI/ASTM cut level 4
- KVPF7-50DS provides ANSI/ASTM cut level 5



PF13-GY-L-SS-PL

Item #	Description	Size
PF13-GY-(size)-SS-PL	Lightweight HPPE Fiber with HPPE/Spandex Plating, Gray	S-XL
KVPF7-(size)-(hand)-50DS	Heavyweight Kevlar and HPPE Blend, Split Leather Deer Skin Palm	S-XL

Ordering Key: Add -S, -M, -L, -XL after part number on coated styles to denote size

AlphaSan® is a registered trademark of Milliken & Company.

**▲ Warning:** Gloves are not cut- or puncture-proof, not recommended for use with moving or serrated blades.

#### Hand protection with a Perfect Fit

For more information or to order products on this page, please call Customer Care at 800 430-5490.



# Cut-Resistant Gloves

## Stainless Steel with Synthetic Fiber

### Perfect Fit® (Uncoated)

- Cut-resistant fibers blended with stainless steel
- Flexible steel strands increase cut and slash protection
- Heavyweight, double or triple strand stainless steel cords are wrapped in synthetic fiber
- Fiber construction is durable, comfortable and insures optimum cut protection



Item #	Description	Size
PF2SS	Double Strand Stainless Steel Core with White Filament Wrap	XS-XL
PF5SS	Triple Strand Stainless Steel Core with White Filament Wrap	S-L
KV5SS	Triple Strand Stainless Steel Core with Gold Filament Wrap	XS-XL

### Perfect Fit® (Coated)

- Heavyweight, triple strand, cut-resistant fibers blended with stainless steel
- PVC coatings increase grip ability
- Coatings help prevent worker's hand from sliding against sharp edges



Item #	Description	Size
KVB5SS-(size)-(hand)	Stainless Steel Core with Single Side PVC Block Coating	M, L

Ordering Key: Add -M, -L after part number on coated styles to denote size and -RH or -LH where noted

## Metal Mesh Gloves & Garments

### Whiting + Davis™ by Chainex (Mesh Gloves)

- 3-step reversible design, glove can be turned inside-out for wear on opposite hand
- Bacteria-resistant straps
- Straps are color coded by size for ease in sorting

Item #	Description	Size
A513(size) D	Thumb and Two Finger Glove with Dome Fastener	XXS-XXL
A515(size) D	Full Hand Glove with Dome Fastener and Side Slit	XXS-XXL
5902(size) DP	Fully Enclosed (No Side Slit) Glove with Dome Fastener	XXS-XXL
525(size)	Fully Enclosed (No Side Slit) Glove with Strap Protecting "Mesh Pocket"	XXS-XXL

Ordering Key: Add -XXS, -S, -M, -L, -XXL where noted to denote size



## Cut-Resistant Stainless Steel with Synthetic Fiber Gloves

### Applications:

- Sheet Metal
- Glass Handling
- Textiles
- Food Processing
- Meat & Poultry Industry
- Printing Industry
- Commercial Fishing
- Restaurants

## Metal Mesh Gloves & Garments

### Applications:

- Meat, Poultry, Fish Processing
- Food Service
- Knife and Blade Sharpening and Cleaning
- Fishing
- Garment Manufacturing
- Veterinary Services
- Animal Control
- Pulp and Paper Industry

**Warning:** Metal mesh gloves and garments are not cut- or puncture-proof and are not recommended for use with moving or serrated blades.

### Hand protection with a Perfect Fit

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Cut-Resistant Gloves

### Metal Mesh Gloves & Garments

Whiting + Davis™ has been the premier manufacturer of stainless steel metal mesh in the United States since the late 1800s. Today, Whiting + Davis mesh gloves and body protection provide the same popular and reliable styles but with Chainex® quality mesh and innovative improvements on design. All Whiting + Davis by Chainex gloves are constructed with 4 ring joining at the seams and 3 ring joining at the thumb seam.

This high quality construction prevents knife tip sticks at seams and provides a more durable glove. Tapered fingers and contoured hand design fit workers better for safety as well as comfort.

*Note: All mesh items can be manufactured in either stainless steel or titanium. Titanium is 43% lighter than steel.*

*All metal mesh gloves are sold individually, not in pairs.*



**▲ Warning:** Metal mesh gloves and garments are not cut- or puncture-proof and are not recommended for use with moving or serrated blades.

#### Hand protection with a Perfect Fit

For more information or to order products on this page, please call Customer Care at 800 430-5490.

### Metal Mesh Gloves & Garments (continued)

#### Whiting + Davis™ by Chainex (Mesh Gloves with Specialty Straps)

- Metal spring cuff is 100% stainless steel for easy cleaning
- Elastic straps fit securely
- Both straps allow for ease in putting on or removing



Item #	Description	Size
5902(size) MS	Fully Enclosed Glove with Stainless Steel Spring Cuff	XXS-XXL
5902(size) E	Fully Enclosed Glove with Elasticized Cuff	XXS-XXL

Ordering Key: Add -XXS,-S,-M,-L,-XXL where noted to denote size

#### Whiting + Davis™ by Chainex (Mesh Gloves with Extended Cuff)

- Cuffs available in 3 1/2" or 7 1/2" lengths
- Polypropylene stiffeners in cuff keep cuff in place on the worker's arm
- All styles are suitable for left or right hand with 3-step reversible process



Item #	Description	Size
5912(size) DP	Full Hand Mesh Glove with 3 1/2" Cuff, Removable Strap at Wrist	XXS-XXL
5962(size) DP	Full Hand Mesh Glove with 7 1/2" Cuff, Removable Strap at Wrist	XXS-XXL
525(size) SC	Fully Enclosed Glove with 3 1/2" Cuff, Two Removable Polypropylene Strap-In "Mesh Pockets"	XXS-XXL

Ordering Key: Add -XXS,-S,-M,-L,-XXL where noted to denote size

#### Chainex®, Chainexpert™ (Mesh Gloves)

- Self-adjusting stainless steel band cuff
- Longer cuff gloves have a spring at wrist for ease of donning
- Fully enclosed gloves, 100% stainless steel, are bacteria-resistant and easy to clean

Item #	Description	Size
52300	Stainless Steel Band Cuff, Wrist Length	0-5
53341	3 1/2" Length Safety Cuff, Steel Stiffeners in Cuff Keep Cuff in Place	0-5
53331	7 1/2" Length Safety Cuff, Steel Stiffeners in Cuff Keep Cuff in Place	0-5

Ordering Key: Add -0,-1,-2,-3,-4,-5 after part number to denote size

#### Chainex®, Chainextra™ (Mesh Gloves)

- Replaceable plastic straps, made with an anti-bacterial agent
- Straps are food processing safe, easily cleaned and replaceable
- Fully enclosed stainless steel gloves

Item #	Description	Size
54200	Wrist Length, Metal Mesh Glove	1-5
54241	3 1/2" Length Safety Cuff, Steel Stiffeners in Cuff Keep Cuff in Place	1-5
54231	7 1/2" Length Safety Cuff, Steel Stiffeners in Cuff Keep Cuff in Place	0-5

Ordering Key: Add -0,-1,-2,-3,-4,-5 after part number to denote size



## Cut-Resistant Body Protection

### Whiting + Davis™ (Metal Mesh Sleeves)

- Color coded polypropylene straps, for ease in sizing
- Mesh is extremely flexible to allow full mobility
- Stainless steel sleeves provide full arm and shoulder protection

Item #	Description	Size
A588(size) E	Single Sleeve Fits Either Left or Right Arm	XXS-XXL
D2588	Double Sleeve with Polypropylene Harness	XXS-XXXL



A588 E

Ordering Key: Add -XXS,-S,-M,-L,-XXL after part number or where noted to denote size

### Whiting + Davis™ (Metal Mesh Aprons)

- Mesh is extremely flexible to allow full range of mobility
- Stainless steel apron provides upper and middle torso and upper thigh protection
- Color coded polypropylene straps, for ease in sizing

Item #	Description	Size
A2020	Adjustable Shoulder Straps	20" x 20"
A2025	Adjustable Shoulder Straps	20" x 25"
A2030	Adjustable Shoulder and Back Straps	20" x 30"
A2634	Adjustable Shoulder and Back Straps	26" x 34"
A2640 S/L	Split Leg	26" x 40"



A2634

### Metal Mesh Glove & Garment Repair Service

The use of gloves and aprons in extreme working conditions may occasionally require the need for repairs due to worn or broken rings or straps. A dedicated workshop for repair that can help extend the life of our products is located at the Sperian Metal Mesh facility. Choosing Sperian Metal Mesh as your repair center will decrease the risk of faulty rings due to improper repair. Each glove will be refurbished to "like new" quality.

### Whiting + Davis™ (Metal Mesh T-Shirts)

- Stainless steel is highly cut and slash resistant
- Mesh fabric is flexible for a full range of mobility
- Upper torso, shoulder and full arm protection

Item #	Description	Size
ST200	Stainless Steel Mesh Double Sleeve Cropped T-Shirt	XXS-XXL
ST100(size)L	Stainless Steel Mesh Cropped T-Shirt, Single Sleeve, Left Arm	XXS-XXL
ST100(size)R	Stainless Steel Mesh Cropped T-Shirt, Single Sleeve, Right Arm	XXS-XXL

Ordering Key: Add -XXS,-S,-M,-L,-XXL after part number or where noted to denote size



ST200

### Whiting + Davis™ (Metal Mesh Tunic)

- Stainless steel is highly cut and slash resistant
- Mesh fabric is flexible for a full range of mobility
- Mesh coat, full sleeves, length past knees (dependent on worker's height)

Item #	Description	Size
MT50	Stainless Steel Mesh Tunic	S-XXL
MT60	Titanium Mesh Tunic	S-XL



MT50

**Warning:** Metal mesh gloves and garments are not cut- or puncture-proof and are not recommended for use with moving or serrated blades.

### Hand protection with a Perfect Fit

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## General Purpose Gloves



### Seamless Knits (Uncoated)

- Seamless construction is more comfortable
- 7-cut standard weight is excellent for clean-up for general maintenance
- 7-cut heavy weight is great for heavy duty purposes
- 7-cut thermal has longer cuff and is great for cold weather general purpose use

Item #	Description	Size
<b>7-Cut Standard Weight</b>		
K17A	Cotton Blend, Natural	Men's
PAK18A	Acrylic, White	Men's
UL18A	Cotton Liner, Natural	Men's
UL18ATC	Cotton Liner with Extended Thermal Cuff, Natural	Men's
WK18A	Cotton/Polyester Liner, Black	Men's
WK18ATC	Cotton/Polyester Liner with 4" Thermal Cuff, Black	Men's
<b>7-Cut Heavy Weight</b>		
TSK19A	Cotton/Polyester Blend, Natural, Economy	Men's
TSK19A-GY	Cotton/Polyester Blend, Gray, Economy	Men's



### NEW! EarthSmart™

- Seamless knit, from recycled PET plastic bottles
- Quality yarn is easy to launder without shrinkage

Item #	Description	Size
RG7	Light Green, Seamless Knit, Made from Recycled Green Plastic Pop Bottles	Men's

### Seamless Knits (Uncoated)

#### Applications:

- Assembly and Parts Handling
- General Maintenance
- Warehousing
- Fabrication
- Automotive

### Low Linting Styles

- Lightweight polyester or nylon gloves
- Excellent glove for product protection applications
- Great dexterity and tactile sensitivity



Item #	Description	Size
LFN13A	13-Cut, 100% Polyester, White	Men's
NY13-1	13-Cut, 100% Nylon, White, Economy	Men's



### Thermostat™ Liners

- Synthetic hollow-core fiber
- Helps provide insulation from cold weather

Item #	Description	Size
TH13A	13-Cut, 100% Thermostat, White	One Size Fits All
TH13A-BL	13-Cut, 100% Thermostat, Blue	One Size Fits All
TH13A-BK	13-Cut, 100% Thermostat, Black	One Size Fits All

### Hand protection with a Perfect Fit

For more information or to order products on this page, please call Customer Care at 800 430-5490.

# General Purpose Gloves

## Seamless Knits (Coated)

- Superior curing processes
- PVC adheres more firmly to gloves
- Coatings enhance resistance to abrasion

Item #	Description	Size
CD5A	Std Wt, Cotton/Polyester Blend, Single Side Brown Dots	Men's
CD5AR	Std Wt, Cotton/Polyester Blend, Double Side Brown Dots	Men's
PKD18A	Med Wt, Cotton/Polyester, Single Side White Dots	Men's
CB18A	Std Wt, Cotton/Polyester, Single Side Blue Blocks	Men's
CB18AR	Std Wt, Cotton/Polyester, Double Side Blue Blocks	Men's
CV18AR	Std Wt, Cotton/Polyester, Double Side V Coating	Men's
NVC13A	Lt Wt, Cotton/Polyester Blend, Single Side Rust Coating	Men's
VC18A-BR	Std Wt, Cotton/Polyester, Single Side Brown Coating	Men's

## NEW! EarthSmart™ (Coated)

- Seamless knit, from recycled PET plastic bottles
- Our unique, soybean oil based safety grip coating is also environmentally friendly
- Quality yarn is easy to launder without shrinkage

Item #	Description	Size
RGD7	Light Green, Seamless Knit, Made from Recycled Green Plastic Pop Bottles, Black Dot Palm	Men's

## Sperian WorkEasy® Series

### Polyester Fiber Styles

- 13 gauge, lightweight, seamless knit liners
- Soft, thin and flexible polyurethane or nitrile coatings
- Economical without sacrificing quality

Item #	Description	Size
WE100	White Polyester Liner with Gray Nitrile Coating	S-XXL
WE110	Black Polyester Liner with Black Nitrile Coating	S-XXL
WE200	White Polyester Liner with Gray Polyurethane Coating	S-XXL
WE210	Black Polyester Liner with Gray Polyurethane Coating	S-XXL

### HPPE (High Performance Polyethylene) Fiber Styles

- 13 gauge, lightweight, HPPE cut-resistant, seamless knit liner

Item #	Description	Size
WE300	Light Gray, HPPE Fiber Liner with Gray Polyurethane Coating	S-XXL

## Seamless Knits (Coated)

### Applications:

- Assembly and Parts Handling
- General Maintenance
- Warehousing
- Fabrication
- Automotive
- Automotive Sub-Assembly
- Materials Handling
- Construction



## Hand protection with a Perfect Fit

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## General Purpose Gloves

### Sperian Pure Fit™ Series

**Lightweight knit enhances ventilation to keep hands cool and dry. Lightweight fibers provide superior tactile sensitivity for precision handling and delicate operations.**

Palm-dipped design helps reduce hand fatigue and offers extreme dexterity. The coatings help prevent glove “blow out” – gloves last longer than standard cut and sewn gloves.

#### Nitrile Applications:

- Automotive Assembly
- Parts Assembly
- Parts Handling
- Automotive Repair
- Oil Refineries



#### Polyurethane Applications:

- Electronic/Small Parts Assembly
- High-Tech Applications
- Automotive Sub-Assembly
- Light Fabrication
- Micro-Engineering
- Packaging
- Inspection
- Light Industrial



### Hand protection with a Perfect Fit

For more information or to order products on this page, please call Customer Care at 800 430-5490.

### Sperian Pure Fit™ Series

#### Nylon Styles

- Lightweight nylon is synthetic and low-linting
- Synthetic coatings resist nicks, cuts and abrasions
- Palm dipped design helps reduce hand fatigue and offers extreme dexterity
- Great dexterity and tactile sensitivity



Item #	Description	Size
369	White Liner with Gray Nitrile Palm Coating	S-XL
375	Black Liner with Gray Nitrile Palm Coating	S-XL
380	Black Liner with Black Nitrile Palm Coating	S-XL
390	White Liner with Gray Foamed Nitrile Palm Coating	S-XL
395	Black Liner with Gray Foamed Nitrile Palm Coating	S-XL
PF525	White Liner with Gray Polyurethane Palm Coating	S-XL
PF550	Black Liner with Gray Polyurethane Palm Coating	S-XL
PF560	Black Liner with Black Polyurethane Coating – 3/4 Dipped to Extend Over Knuckles	S-XL

#### DuPont® Kevlar® Styles

- Lightweight Kevlar cut-resistant fiber
- Kevlar blended with spandex offers excellent tactile sensitivity
- Black nitrile palm dip enhances cut, abrasion and heat resistance

Item #	Description	Size
KV371	Kevlar Knit Liner with Ultra Thin Black Palm and Fingertip Coating	S-XL

#### DuPont® Kevlar® Comfort Styles

- Lightweight Kevlar Comfort liner is more comfortable than other aramid liners
- Patented multi-filament blend of Kevlar, nylon and spandex
- Lightweight polyurethane dip coating



Item #	Description	Size
KV372	Kevlar Knit Liner with Ultra Thin Gray Palm and Fingertip Coating	S-XL

#### HPPE (High Performance Polyethylene) Fiber Styles

- HPPE fiber, cut-resistant, lightweight liners
- Full palm and fingertip coatings
- Formed finger design for worker comfort

Item #	Description	Size
PF540	White HPPE Liner with White Polyurethane Palm and Fingertip Coating	S-XL
PF541	Charcoal HPPE Liner with Gray Polyurethane Palm and Fingertip Coating	S-XL
PF542	White HPPE Fiber Liner with Gray Polyurethane Coating	S-XL
PF545	Light Gray HPPE Liner with Blue Nitrile Palm and Fingertip Coating	S-XL
PF570	Gray HPPE Fiber/Stainless Steel Liner w/HPPE Plating, Gray Nitrile Coating	S-XL

# General Purpose Gloves

## NEW! Sperian Tuff-Glo™

- High visibility, cut-resistant gloves
- Lightweight HPPE and polyester seamless knit
- ANSI level 2 cut resistance

Item #	Description	Size
PF541HVZ	Lightweight HPPE and Polyester Blend, Hi-Viz Yellow Liner, Bright Orange PU Dip Coating	S-XL
PF5413QHVZ	Lightweight HPPE and Polyester Blend, Hi-Viz Yellow Liner, Bright Orange PU 3/4 Dip Coating	S-XL



## Sperian Perfect Coat™ Series

### Perfect Coat™ General Purpose

- Economical, comfortable cotton/polyester knit liners
- Full palm and fingertip coatings
- Excellent protection for light or heavy duty applications

Item #	Description	Size
300PC	Med Weight Gray Cotton/Polyester Liner w/Blue Natural Rubber* Coating	S-XL
317PC	Med Weight Fluorescent Yellow Polyester Liner w/Orange Natural* Rubber Palm	S-XL
320PC	Med Weight Gray Cotton/Polyester Liner w/Black Natural Rubber* Coating	S-XL
350PC	Med Weight Gray Cotton/Polyester Liner w/Green Nitrile Palm Coating	S-XL



### Perfect Coat™ Reinforced

- Economical, comfortable cotton/polyester knit liners
- Full palm and fingertip, textured natural rubber\* coating
- Extra layer of natural rubber\* in thumb crotch

Item #	Description	Size
330PC	Medium Weight Gray Liner with Black Rubber* Coating, Added Layer of Rubber* at High-Wear Area	M-XL



### Perfect Coat™ Extended Coating

- Economical, comfortable cotton/polyester knit liners
- Full palm and fingertip, textured natural rubber\* coating
- Natural rubber\* extends over knuckles and back of hand

Item #	Description	Size
305PC	Medium Weight Gray Liner with Blue Rubber* Coating	S-XL



### Perfect Coat™ Thermal

- Soft, napped cotton/polyester knit liners
- Napped Liner provides a cushion of air for protection in cold applications
- Textured natural rubber\* palm and fingertip coating for abrasion resistance

Item #	Description	Size
451PC	Heavyweight Light Gray Liner with Gray Rubber* Coating	S-XL



**\*⚠ WARNING:** These products contain natural rubber/latex which may cause allergies in some individuals. These allergies can lead to serious illness or death. If an allergic reaction occurs (skin rashes, hives, flushing, itching, nasal, eye, or sinus symptoms, shortness of breath, asthma or shock), stop using this product immediately and consult a medical provider.

**Hand protection with a Perfect Fit**

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## General Purpose Gloves

EYE & FACE PROTECTION

RESPIRATORY PROTECTION

INSTRUMENTATION

HAND & ARM PROTECTION

HEARING PROTECTION

FALL PROTECTION

HARLEY-DAVIDSON®



KV300



KV303



KV350

### Spierian Perfect Coat™ Series (continued)

#### Perfect Coat™ Kevlar® & Natural Rubber

- DuPont® Kevlar seamless knit liner for greater cut and slash protection
- Natural rubber\* palm and fingertip coating provides excellent grip
- ANSI cut level 2

Item #	Description	Size
KV300	Medium Weight Yellow Kevlar Liner with Blue Rubber* Coating	S-XL

#### Perfect Coat™ Kevlar®/Stainless Steel

- DuPont® Kevlar fiber and stainless steel combined
- ANSI cut level 4, great cut and slash protection
- Textured natural rubber\* palm and fingertip coating for abrasion resistance

Item #	Description	Size
KV303	Medium Weight Yellow Kevlar/Steel/Polyester Blend Liner with Black Rubber* Coating	S-XL

#### Perfect Coat™ Kevlar® & Nitrile

- DuPont® Kevlar knit liners, for extra cut resistance
- Nitrile palm and fingertip coating offers excellent wet/dry grip

Item #	Description	Size
KV350	Medium Weight Yellow Kevlar Knit Liner with Green Nitrile Coating	S-XL

### Spierian Tuff-Coat® Gloves

#### Applications:

- Construction
- Recycling
- Lumber and Mill Work
- Glass Handling
- Metal Stamping
- Automotive
- Sub-Assembly
- Landscaping



400

#### Spierian Tuff-Coat®

- Quality dipped gloves at a value
- Worker safety gloves that are comfortable and flexible
- Palm and fingertip coating improves grip and increases protection

Item #	Description	Size
125	Lt Wt White Nylon Liner with Blue Latex Crinkle Coating	S-XXL
200	Med Wt Gray Cotton/Poly Liner with Black Natural Rubber* Coating	S-XXL
250	Med Wt Black Poly/Cotton Knit Liner with Black Nitrile Coating	S-XXL
400	Med Wt Brushed Acrylic, Hi-Viz Yellow Liner with Black Natural Rubber* Coating	S-XXL
KV200	Med Wt Yellow Kevlar® Liner with Blue Natural Rubber* Coating	S-XXL
KV250	Med Wt Yellow Kevlar Liner with Green Rough Texture Nitrile Coating	S-XXL

\*▲ **WARNING:** These products contain natural rubber/latex which may cause allergies in some individuals. These allergies can lead to serious illness or death. If an allergic reaction occurs (skin rashes, hives, flushing, itching, nasal, eye, or sinus symptoms, shortness of breath, asthma or shock), stop using this product immediately and consult a medical provider.

#### Hand protection with a Perfect Fit

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# Arc Flash Hazard Gloves\*

## Lightweight Knit Gloves

- Worn alone, or as a liner under voltage-rated gloves
- Oxidized, thermally stabilized fiber will not burn, melt, soften or drip
- All styles are tagged with arc rating value and HRC number
- ATPV Value (cal/cm<sup>2</sup>) 13.8 (minimum arc rating of PPE required cal/cm<sup>2</sup> exposure)
- HRC Risk Category 2



Item #	Description	Size
ATX20	7 Gauge, Standard Weight Knit Liner	Men's
ATX20-50	7 Gauge, Standard Weight with Premium Quality Cowhide Palm Patch	Men's

## Heavy Weight Terry Cloth

- 24 oz loop-in or loop out seamless knit gloves
- Oxidized, thermally stabilized fiber will not burn, melt, soften or drip
- All styles are tagged with arc rating value and HRC number
- 5" flared cuff
- ATPV Value (cal/cm<sup>2</sup>) 38.6 (minimum arc rating of PPE required cal/cm<sup>2</sup> exposure)
- HRC Risk Category 3

Item #	Description	Size
ATX24-5FL	24 oz Heavy Weight Terry, Loop-Out, with 5" Flared Cuff	Men's
TKATX24-5FL	24 oz Heavy Weight Terry, Loop-In, with 5" Flared Cuff	Men's

## Thermal Terry Cloth

- Glove-within-a-glove design
- Double layer of thermal terry cloth
- Oxidized, thermally stabilized fiber will not burn, melt, soften or drip
- All styles are tagged with arc rating value and HRC number
- ATPV Value (cal/cm<sup>2</sup>) 49.9 (minimum arc rating of PPE required cal/cm<sup>2</sup> exposure)
- HRC Risk Category 4

Item #	Description	Size
ATX737-BT	Double Layer of Thermal Terry Cloth	Men's

\* CAUTION: A worker can still receive burns if the heat is high enough. If the heat passing through PPE is sufficiently high, it can melt elastic, buttons, or ignite the fabric of the clothing underneath. A good rule of thumb is to specify protective apparel that has an arc rating equal to or greater than the calculated incident energy.

\* ⚠ WARNING: Arc-Tex™ gloves and sleeves are not dielectric, and do not provide protection against electrical shock, but may be worn under voltage rated gloves as liners for added protection.



## Hand protection with a Perfect Fit

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Heat-Resistant Knit Gloves

### Heat-Resistant Knit Gloves

**Applications:**

- Glass Handling
- Injection Molding
- Plastic Processing
- Steel Manufacturing
- Refining
- Metal Stamping
- Automotive Assembly



*Note: The range of thermal protection varies according to the duration of exposure and the weight of item.*

*Twaron® is a registered trademark of Teijin Aramid B.V.*

### Loop-In and Loop-Out Terry Cloth

- High quality cotton blends ensure minimized shrinkage during laundering
- Terry “loops” provide interference to sharp edges and blade travel, helping to prevent cuts and tears
- Loop-in styles increase longevity of glove by reducing snags (allows materials to “roll off” hand)
- Loop-out styles increase longevity of glove in abrasive applications and provide better grip in oily applications

Item #	Description	Size
<b>14 Ounce, Loop-In</b>		
TK14A-1	Loop-In Terry, Natural	Men's
<b>24 Ounce, Loop-In</b>		
TK24A-1	Terry Cloth, Natural	Men's
<b>24 Ounce, Loop-Out</b>		
24A-1	Terry Cloth with Knit Wrist, Natural, Economy	Men's
24AC-1	Terry Cloth with Continuous Cuff, Natural, Economy	Men's
24A-GY-1	Terry Cloth with Knit Wrist, Gray, Economy	Men's
MT24A	Mock Twist Kevlar/Cotton Terry with Knit Wrist	Men's
<b>24 Ounce, Twaron®</b>		
TTC24GC-(size)	Twaron, Mock Twist with Continuous Cuff	7-9

Ordering Key: Add -7,-8,-9 after part number on 24 ounce Twaron® style to denote size

## Chemical/Liquid Resistant Gloves

### Chemical/Liquid Resistant Gloves

**PVC Coating Applications:**

- Glass Handling
- Injection Molding
- Plastic Processing
- Steel Manufacturing
- Refining
- Metal Stamping
- Automotive Assembly



### PowerCoat® PVC

- Super flexible PVC coating resists caustics, bases, alcohols, and many acids
- Superior grip and dexterity, flexibility reduces hand fatigue, and promotes increased productivity
- Supple as natural latex, but has the chemical resistance of PVC
- Ideal alternative for workers with latex allergies

Item #	Description	Size
610	10" Double-Dipped with Rough Grip, Orange	M-XXL
620	12" Double-Dipped with Rough Grip, Orange	S-XXL
640	12" Double-Dipped with Clear Vinyl Sleeve Extension (25" Length)	M-XL
650	10" Triple-Dipped with Rough Grip, Blue	M-XXL
660	12" Triple-Dipped with Rough Grip, Blue	M-XXL
KV660	12" Triple-Dipped with 100% DuPont Kevlar Liner, Blue	L-XL
460	12" Double-Dipped with Thermal Fleece Lining and Rough Grip, Orange	M-XL
490	12" Triple-Dipped with Thermal Fleece Lining and Rough Grip, Blue	M-XL

### Hand protection with a Perfect Fit

For more information or to order products on this page, please call Customer Care at 800 430-5490.



# Chemical/Liquid Resistant Gloves

## PowerCoat® Butyl

- Resistance to acids, aldehydes, ketones, esters, and polar organic solvents
- Butyl provides dependable protection for tough industrial jobs
- Available in a variety of weights, sizes and grip options

Item #	Description	Size
PS-BU14-R	Unsupported, 14" 14 Mil with Rough Grip, Black	M-XL

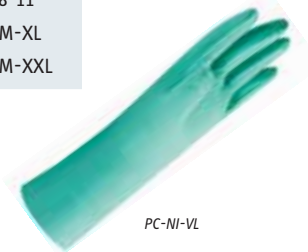


PS-BU14-R

## PowerCoat® Nitrile

- Resistance to many solvents, bases, fats and oils, and esters
- Superior resistance to snags, puncture, abrasion and cuts
- Provides outstanding wet or dry grip
- Flexible and comfortable PowerCoat nitrile is available lined or unlined

Item #	Description	Size
PC-NI-VL	Supported, 13" Med Weight with Knit Liner and V-Grip, Green	9-11
PS-NI15-FL-V	Flock-Lined, 13" 18 Mil with V-Grip, Green	7-11
NI22-18	Unsupported, 18" 22 Mil	8-11
772	Supported, 26" Med Weight with Elastic Cuff and Rough Grip, Yellow	M-XL
1520	Supported, 12" Med Weight, Blue Over Blue	M-XXL



PC-NI-VL

## PowerCoat® Latex\*

- Latex\* gloves resist punctures and cuts
- Resistance to dilute acids, bases, alcohols, and aqueous solutions
- Latex\* provides secure grip in wet or dry applications
- Excellent elasticity and resistance to cuts and tears

Item #	Description	Size
PC-LBL	Supported, 12" Med Weight Double-Dipped with Smooth Grip, Blue	S-XL



PC-LBL

## PowerCoat® Neoprene

- Resistance to a broad range of oils, acids, caustics, and solvents
- Offers secure grip in greasy or oily applications
- Flame retardant and offers resistance to sunlight and ozone degradation

Item #	Description	Size
PC-NE14	Supported, 14" Med Wt, Double-Dipped w/Rough Grip, Black/Blue	M-XL



PC-NE14

## PowerCoat® Disposables

- Available in nitrile, good for those with natural rubber allergies
- Tri-polymer\* blend of latex/neoprene/nitrile useful for splash protection
- PSD-N18 and PSD-N14 are manufactured in an ISO certified, silicone-free facility

Item #	Description	Size
PSD-N14	Powder Free, 9.5" 4 Mil Disposable Nitrile, 100 Pcs/Bx, Blue	S-XXL
PSD-N18	Powder Free, 12" 8 Mil Disposable Nitrile, 50 Pcs/Bx, Blue	S-XXL
PSD-TRIP	Powder Free, 12" 5 Mil Disposable Tri-Polymer*, 100 Pcs/Bx, Purple	S-XL



PSD-N14

\*▲ **WARNING:** These products contain natural rubber/latex which may cause allergies in some individuals. These allergies can lead to serious illness or death. If an allergic reaction occurs (skin rashes, hives, flushing, itching, nasal, eye, or sinus symptoms, shortness of breath, asthma or shock), stop using this product immediately and consult a medical provider.

## Chemical/Liquid Resistant Gloves

### Butyl Coating Applications:

- Chemical Handling
- Chemical Manufacturing
- Emergency Response
- Hazmat
- Petro-Chemical

### Nitrile Coating Applications:

- Chemical Handling
- Petro-Chemical
- Refining
- Degreasing
- Food Processing\*

\*In compliance with FDA Regulations 21 CFR170-199 for food handling

**Hand protection with a Perfect Fit**

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Arm Protection



CS-2-18

### Cotton Sleeves

- 100% cotton sleeves
- Cotton is cooler and more comfortable to wear than synthetic sleeves
- Terry cloth sleeve is good for some radiant heat applications
- Easily laundered, and durable

Item #	Description	Size (Inches)
CS-2-18	2-Ply Cotton, 18" Length	18
CS-2-18TH	2-Ply Cotton, 18" Length with Thumb Hole	18
CS-1-15LO	Loop-out Terry Sleeve, Cotton, Knit Wrist	18
CS-1-18LO	Loop-out Terry Sleeve, Cotton, Knit Wrist	18



KVS-2-14TH-90

### DuPont® Kevlar®

- 100% DuPont Kevlar brand fiber provides excellent protection from cut, slash and abrasion hazards
- Kevlar can withstand temperatures up to 900°F (480°C) without breaking down
- Kevlar will not support a flame, providing excellent flame resistance
- 2-ply sleeves are comfortable, and conform to all sizes of arms
- Styles with thumb hole hold sleeve in place, offering increased protection in the palm area

Item #	Description	Size (Inches)
KVSL-2-(length)	Lightweight, 100% Kevlar, Yellow	18
KVS-2-(length)	Std Weight, 100% Kevlar, Yellow	10, 14, 18
KVS-2-(length)TH	Std Weight, 100% Kevlar with Thumb Hole, Yellow	14, 18, 22, 24
KVS-2-(length)TH-3BT	Std Weight, 100% Kevlar with Thumb Hole and 3 Finger Bar Tacks, Yellow	14
KVS-2-(length)TH-90	Std Weight, 100% Kevlar with Thumb Hole and Leather Reinforcement, Yellow	14, 18
KVS-2-(length)TH-NS	Std Weight, 100% Kevlar with Thumb Hole and No-Slip Top, Yellow	18, 20
KVS44-2-(length)	Std Weight, Kevlar and Cotton Blend	14, 18
KVS44-2-(length)TH	Std Weight, Kevlar and Cotton Blend with Thumb Hole	14, 18
BK-KVS-2-(length)	Std Weight, 100% Kevlar Knit, Black	10, 14, 18, 24
BK-KVS-2-(length)TH	Std Weight, 100% Kevlar Knit, Black with Thumb Hole	18, 23



ATX-21

### Sperian Arc-Tex™\*

- Combination of Arc-Tex and para-aramid fibers
- Wrist to forearm coverage, available in 8" or 9-1/2" widths
- ATPV Value (cal/cm<sup>2</sup>) 10
- HRC\* Risk Category 2

Item #	Description	Size
ATX-21	21" blouse sleeve	M, L

\*CAUTION: A worker can still receive burns if the heat is high enough. If the heat passing through PPE is sufficiently high, it can melt elastic, buttons, or ignite the fabric of the clothing underneath. A good rule of thumb is to specify protective apparel that has an arc rating equal to or greater than the calculated incident energy.

\*⚠ WARNING: Arc-Text™ gloves and sleeves are not dielectric, and do not provide protection against electrical shock, but may be worn under voltage rated gloves as liners for added protection.

### Hand protection with a Perfect Fit

For more information or to order products on this page, please call Customer Care at 800 430-5490.

## Arm Protection

### Sperian Perfect Fit CRT™

- Proprietary blend of cut-resistant fibers
- ANSI Level 4 cut protection, lightweight comfort without sacrificing protection
- Soft, comfortable sleeve, fits close to the arm so there is less chance to get caught in machinery
- High abrasion level allows sleeves to be worn longer

Item #	Description	Size (Inches)
CRTS-2-(length)	Std Weight, 2-ply CRT Fiber	14, 18
CRTS-2-(length)TH	Std Weight, 2-ply CRT Fiber with Thumb Hole	14, 18
CRTS-2-24TH-3BT	Std Weight, 2-ply CRT fiber with Thumb Hole, 3 Bar Tack for Fingers	24



### Sperian Comfortrel™

- Proprietary blend of cut-resistant fibers
- ANSI Cut level 4, 2-ply cut-resistant sleeve
- White fiber sleeve is cooler to wear in hot temperatures
- Not recommended for heat protection

Item #	Description	Size (Inches)
CTSS-2-(length)	Standard Weight, 2-ply Comfortrel Fiber	14, 18
CTSS-2-(length)TH	Standard Weight, 2-ply Comfortrel Fiber with Thumb Hole	14, 18



### Sperian Perfect Fit® (HPPE Fibers)

- Superior cut protection with HPPE fibers
- HPPE is an engineered fiber combining a strand of high-performing polyethylene fiber and glass fiber
- Most sleeves, depending on weight, have an ANSI cut level of 4

Item #	Description	Size (Inches)
PFSL-10-GY	10" Standard Weight HPPE Fiber Bloused Sleeve, Gray	10
LPFSL-21-AC	21" Lightweight HPPE Fiber Sleeve with Alligator Clip, White	21



### Stainless Steel Mesh Sleeves

- Tapered design for under arm comfort
- Snap wrist closure and elastic straps for secure fit
- Ambidextrous

Item #	Description	Size
A588(size) E	SS Mesh Sleeve with Elastic Strap and Side Adjustment	XXS-XXL
D2588	Double SS Mesh Sleeve with Polypropylene Harness	XXS-XXL

Ordering Key: Add -XXS, -S, -M, -L, -XXL after part number to denote size



### Hand protection with a Perfect Fit

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## Sperian Hand & Arm Protection

### Cut-Resistant Gloves

#### Perfect Fit® – DuPont® Kevlar® Seamless Knits (Uncoated)

Item #	Description	Size
KV13A	13-Cut, Lt Wt 100% Kevlar, Yellow	Men's
KV13AL	13-Cut, Lt Wt 100% Kevlar, Yellow	Ladies'
KV13AJ	13-Cut, Lt Wt 100% Kevlar, Yellow	Jumbo
KVSP13	13-Cut, Lt Wt Kevlar/Lycra, Yellow	Men's
KVSP13AL	13-Cut, Lt Wt Kevlar/Lycra, Yellow	Ladies'
KV18A-100	7-Cut, Std Wt 100% Kevlar, Yellow	Men's
KV18AL-100	7-Cut, Std Wt 100% Kevlar, Yellow	Ladies
KV18AJ-100	7-Cut, Std Wt 100% Kevlar, Yellow	Jumbo
BK-KV18	7-Cut, Std Wt 100% Kevlar, Black	Men's
BK-KV18L	7-Cut, Std Wt 100% Kevlar, Black	Ladies'
BK-KV18AJ-100	7-Cut, Std Wt 100% Kevlar, Black	Jumbo
KV17A-PL	7-Cut, Lt Wt Kevlar/Cotton Plated, Yellow/White	Men's
KV17AL-PL	7-Cut, Lt Wt Kevlar/Cotton Plated, Yellow/White	Ladies'
KV17AJ-PL	7-Cut, Lt Wt Kevlar/Cotton Plated, Yellow/White	Jumbo
KV17AY-PL	7-Cut, Lt Wt Kevlar/Cotton Plated, Yellow/White	Youth
KV20A-100	7-Cut, Hvy Wt 100% Kevlar, Yellow	Men's
KV20AL-100	7-Cut, Hvy Wt 100% Kevlar, Yellow	Ladies'
KV20AJ-100	7-Cut, Hvy Wt 100% Kevlar, Yellow	Jumbo
KV20AY-100	7-Cut, Hvy Wt 100% Kevlar, Yellow	Youth

#### Perfect Fit® – DuPont® Kevlar® Seamless Knits (Coated)

Item #	Description	Size
KVD18A-100	7-Cut, Std Wt 100% Yel Kevlar, Sngl Sd Brown PVC Dot Coat	Men's
KVD18AL-100	7-Cut, Std Wt 100% Yel Kevlar, Sngl Sd Brown PVC Dot Coat	Ladies'
KVD18AJ-100	7-Cut, Std Wt 100% Yel Kevlar, Sngl Sd Brown PVC Dot Coat	Jumbo
KVD18AY-100	7-Cut, Std Wt 100% Yel Kevlar, Sngl Sd Brown PVC Dot Coat	Youth
KVD18AR-100	7-Cut, Std Wt 100% Yel Kevlar, Dbl Sd Brown PVC Dot Coat	Men's
KVD18ALR-100	7-Cut, Std Wt 100% Yel Kevlar, Dbl Sd Brown PVC Dot Coat	Ladies'
KVD18ARJ-100	7-Cut, Std Wt 100% Yel Kevlar, Dbl Sd Brown PVC Dot Coat	Jumbo
KVD18ARY-100	7-Cut, Std Wt 100% Yel Kevlar, Dbl Sd Brown PVC Dot Coat	Youth
KVD20AR-100	7-Cut, Hvy Wt 100% Yel Kevlar, Dbl Sd Brown PVC Dot Coat	Men's
KVD20ALR-100	7-Cut, Hvy Wt 100% Yel Kevlar, Dbl Sd Brown PVC Dot Coat	Ladies'
KVD20ARJ-100	7-Cut, Hvy Wt 100% Yel Kevlar, Dbl Sd Brown PVC Dot Coat	Jumbo
KVD20ARY-100	7-Cut, Hvy Wt 100% Yel Kevlar, Dbl Sd Brown PVC Dot Coat	Youth
KVD18AR-1	7-Cut, Std Wt Yel Kevlar/Nylon, Dbl Sd Brown PVC Dot Coat	Men's
KVD18ALR-1	7-Cut, Std Wt Yel Kevlar/Nylon, Dbl Sd Brown PVC Dot Coat	Ladies'
KVD18ARJ-1	7-Cut, Std Wt Yel Kevlar/Nylon, Dbl Sd Brown PVC Dot Coat	Jumbo
KVD18ARY-1	7-Cut, Std Wt Yel Kevlar/Nylon, Dbl Sd Brown PVC Dot Coat	Youth

#### Perfect Fit CRT™

Item #	Description	Size
CRT13	Lightweight Seamless Knit	Men's
CRT13L	Lightweight Seamless Knit	Ladies'
CRT17	Economy, Standard Weight Seamless Knit	Men's
CRT17L	Economy, Standard Weight Seamless Knit	Ladies'
CRT18	Standard Weight Seamless Knit	Men's
CRT18L	Standard Weight Seamless Knit	Ladies'
CRT20	Heavyweight Seamless Knit	Men's
CRT20L	Heavyweight Seamless Knit	Ladies'

#### Top Dog™

Item #	Description	Size
KV18-55	7-Cut, Std Wt Kevlar Armor Tech, Prem Leather Palm-Thumb Crotch, Kevlar Rnfrcd Stitch	Men's
KV18L-55	7-Cut, Std Wt Kevlar Armor Tech, Prem Leather Palm-Thumb Crotch, Kevlar Rnfrcd Stitch	Ladies'

KV18AJ-55	7-Cut, Std Wt Kevlar Armor Tech, Prem Leather Palm-Thumb Crotch, Kevlar Rnfrcd Stitch	Jumbo
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#### Junk Yard Dog®

Item #	Description	Size
KV18A-100-50	7-Cut, Std Wt, 100% Kevlar, Full Prem Leather Palm, Rnfrcd Thumb Crotch	Men's
KV18AL-100-50	7-Cut, Std Wt, 100% Kevlar, Full Prem Leather Palm, Rnfrcd Thumb Crotch	Ladies'
KV18AJ-100-50	7-Cut, Std Wt, 100% Kevlar, Full Prem Leather Palm, Rnfrcd Thumb Crotch	Jumbo

#### Bull Dog™

Item #	Description	Size
KV18-45	7-Cut, Std Wt 100% Kevlar Liner, Full Leather Palm, Rnfrcd Thumb Crotch	Men's
KV18L-45	7-Cut, Std Wt 100% Kevlar Liner, Full Leather Palm, Rnfrcd Thumb Crotch	Ladies'
KV18J-45	7-Cut, Std Wt 100% Kevlar Liner, Full Leather Palm, Rnfrcd Thumb Crotch	Jumbo

#### GuardDog®

Item #	Description	Size
KV224D	Prem Gr Leather Palm, Dbl-Lock Kevlar Rnfrcd Stitch, Safety Cuff, 100% Kevlar Seamless Knit Liner	Men's
KV224DL	Prem Gr Leather Palm, Dbl-Lock Kevlar Rnfrcd Stitch, Safety Cuff, 100% Kevlar Seamless Knit Liner	Ladies'
KV224DJ	Prem Gr Leather Palm, Dbl-Lock Kevlar Rnfrcd Stitch, Safety Cuff, 100% Kevlar Seamless Knit Liner	Jumbo
KV260G	Prem Gr Leather Palm, Full Leather Back, Dbl-Lock Kevlar Rnfrcd Stitch, Gauntlet Cuff, 100% Kevlar Seamless Knit Liner	Men's
KV260GL	Prem Gr Leather Palm, Full Leather Back, Dbl-Lock Kevlar Rnfrcd Stitch, Gauntlet Cuff, 100% Kevlar Seamless Knit Liner	Ladies
KV260GJ	Prem Gr Leather Palm, Full Leather Back, Dbl-Lock Kevlar Rnfrcd Stitch, Gauntlet Cuff, 100% Kevlar Seamless Knit Liner	Jumbo

#### Perfect Fit® – Cut-Resistant Gloves with HPPE Fibers

Item #	Description	Size
PF13	13-Cut, Lt Wt HPPE Fiber, White	XS-XL
PF13-GY	13-Cut, Lt Wt HPPE Fiber, Gray	XS-XL
PF10-GY	10-Cut, Med Wt HPPE Fiber, Gray	XS-XL
HPF7	7-Cut, Hvy Wt HPPE Fiber, White	XS-XL
HPF7-GY	7-Cut, Hvy Wt HPPE Fiber, Gray	XS-XL
PF13-GY-(size)-SS	13-Cut, Lt Wt HPPE Fiber with Stainless Steel, Gray	XS-XL
PF7-GY-(size) SS	7-Cut, Hvy Wt HPPE Fiber with Stainless Steel, Gray	XS-XL
KVPF7	7-Cut, Extra Hvy Wt HPPE Fiber and Kevlar Yellow	XS-XL

#### Perfect Fit® – Treated and Leather Palm

Item #	Description	Size
PF13-GY-(size)-SS-PL	13-Cut, Lt Wt HPPE Fiber w/Spectra/Spandex Plating, Gray	S-XL
KVPF7-(size)-(hand)-50DS	Hvy Wt, HPPE and Kevlar blend w/Split Leather Palm	S-XL

#### Perfect Fit® – Cut-Resistant Stainless Steel with Synthetic Fiber

Item #	Description	Size
PF2SS	7-Cut, Hvy Wt, 2 Strand SS Core with White Filament Wrap	XS-XL
PF5SS	7-Cut, Hvy Wt, 3 Strand SS Core with White Filament Wrap	S-L
KV5SS	7-Cut, Hvy Wt, 3 Strand SS Core with Gold Filament Wrap	XS-XL
KVB5SS-(size)-(hand)	7-Cut, Hvy Wt, 2 Strand SS Core, Gold Filament Wrap, Single Side Blue PVC Block Coating	S-XL

## Sperian Hand & Arm Protection

### Whiting + Davis™ by Chainex Mesh Gloves

Item #	Description	Size
A513(size) D	Thumb and Two Finger Glove with Dome Fastener	XXS-XXL
A515(size) D	Full-Hand Glove with Dome Fastener and Side Slit	XXS-XXL
5902(size) DP	Fully Enclosed (No Side Slit) Glove with Dome Fastener	XXS-XXL
525(size)	Fully Enclosed (No Side Slit) Glove with "Mesh Pocket" to Protect Strap	XXS-XXL

### Whiting + Davis™ by Chainex Mesh Gloves with Specialty Straps

Item #	Description	Size
5902(size) MS	Fully Enclosed Glove with Stainless Steel Spring Cuff	XXS-XXL
5902(size) E	Fully Enclosed Glove with Elasticized Cuff	XXS-XXL

### Whiting + Davis™ by Chainex Mesh Gloves with Extended Cuffs

Item #	Description	Size
5912(size) DP	Full Hand Glove, 3 1/2" Cuff, Removable Strap at Wrist	XXS-XXL
5962(size) DP	Full Hand Glove, 7 1/2" Cuff, Removable Strap at Wrist	XXS-XXL
525(size) SC	Fully Enclosed Glove, 3 1/2" Cuff, Two Removable Polypropylene Straps in "Mesh Pockets"	XXS-XXL

### Chainex® Chainexpert™ Mesh Gloves with Stainless Steel Straps

Item #	Description	Size
52300	Stainless Steel Band Cuff, Wrist Length	0-5
53341	3 1/2" Length Safety Cuff, Steel Stiffeners in Cuff Keep Cuff in Place	0-5
53331	7 1/2" Length Safety Cuff, Steel Stiffeners in Cuff Keep Cuff in Place	0-5

### Chainex® Chainextra™ Mesh Gloves with Replaceable Plastic Straps

Item #	Description	Size
54200	Wrist Length, Metal Mesh Glove	0-5
54241	3 1/2" Length Safety Cuff, Steel Stiffeners in Cuff Keep Cuff in Place	0-5
54231	7 1/2" Length Safety Cuff, Steel Stiffeners in Cuff Keep Cuff in Place	0-5

### Whiting + Davis™ Mesh Sleeves

Item #	Description	Size
A588 E	Single Sleeve Fits Either Left or Right Arm	XXS-XXL
D2588	Double Sleeve with Polypropylene Harness	XXS-XXXL

### Whiting + Davis™ Mesh Aprons

Item #	Description	Size
A2020	SS Mesh Apron, Adjustable Shoulder Straps	20" x 20"
A2025	SS Mesh Apron, Adjustable Shoulder Straps	20" x 25"
A2030	SS Mesh Apron, Adjustable Shoulder and Back Straps	20" x 30"
A2634	SS Mesh Apron, Adjustable Shoulder and Back Straps	26" x 34"
A2640 S/L	SS Mesh Apron, Split Leg	26" x 40"

### Whiting + Davis™ Mesh T-Shirts

Item #	Description	Size
ST200	Stainless Steel Mesh Double Sleeve Cropped T-Shirt	XXS-XXL
ST100(size)L	Stainless Steel Mesh Cropped T-Shirt, Single Sleeve, Left Arm	XXS-XXL
ST200	Stainless Steel Mesh Double Sleeve Cropped T-Shirt	XXS-XXL

### Whiting + Davis™ Mesh Tunics

Item #	Description	Size
MT50	Stainless Steel Mesh Tunic	S-XXL
MT60	Titanium Mesh Tunic	S-XL

### General Purpose Gloves

#### Seamless Knits (Uncoated)

Item #	Description	Size
K17A	7-Cut, Std Wt Cotton Blend, Natural	Men's
K17AL	7-Cut, Std Wt Cotton Blend, Natural	Ladies'
TSK19A	7-Cut, Hvy Wt Cotton/Poly, Natural, Economy	Men's
TSK19AL	7-Cut, Hvy Wt Cotton/Poly, Natural, Economy	Ladies'
TSK19AY	7-Cut, Hvy Wt Cotton/Poly, Natural, Economy	Youth
TSK19A-GY	7-Cut, Hvy Wt Cotton/Poly, Gray, Economy	Men's
TSK19AL-GY	7-Cut, Hvy Wt Cotton/Poly, Gray, Economy	Ladies'
PAK18A	7-Cut, Std Wt Acrylic, White	Men's
PAK18AL	7-Cut, Std Wt Acrylic, White	Ladies'
UL18A	7-Cut, Std Wt Cotton Liner, Natural	Men's
UL18ATC	7-Cut, Std Wt Cotton Liner, Extnd Thermal Cuff, Natural	Men's
UL18ALTC	7-Cut, Std Wt Cotton Liner, Extnd Thermal Cuff, Natural	Ladies'
WK18ATC	7-Cut, Std Wt Cotton/Poly Liner, 4" Thermal Cuff, Black	Men's
WK18ALTC	7-Cut, Std Wt Cotton/Poly Liner, 4" Thermal Cuff, Black	Ladies'

#### Seamless Knits – Low Linting Styles

Item #	Description	Size
LFN13A	13-Cut, Lt Wt 100% Polyester, White	Men's
LFN13AL	13-Cut, Lt Wt 100% Polyester, White	Ladies'
NY13-1	13-Cut, Lt Wt 100% Nylon, White, Economy	Men's
NY13L-1	13-Cut, Lt Wt 100% Nylon, White, Economy	Ladies'

#### Seamless Knits – Thermostat™ Liners

Item #	Description	Size
TH13A	13-Cut, 100% Thermostat, White	One Size Fits All
TH13A-BL	13-Cut, 100% Thermostat, Blue	One Size Fits All
TH13A-BK	13-Cut, 100% Thermostat, Black	One Size Fits All

#### Sperian EarthSmart™

Item #	Description	Size
RG7	Lt Green, Seamless Knit, Made from Recycled Green Plastic Pop Bottles	Men's
RG7L	Lt Green, Seamless Knit, Made from Recycled Green Plastic Pop Bottles	Ladies'

#### Seamless Knits (Coated)

Item #	Description	Size
CD5A	7-Cut, Std Wt Natural Cotton/Poly, Sngl Sd Brown PVC Dot Coat	Men's
CD5AL	7-Cut, Std Wt Natural Cotton/Poly, Sngl Sd Brown PVC Dot Coat	Ladies'
CD5AJ	7-Cut, Std Wt Natural Cotton/Poly, Sngl Sd Brown PVC Dot Coat	Jumbo
CD5AY	7-Cut, Std Wt Natural Cotton/Poly, Sngl Sd Brown PVC Dot Coat	Youth
CD5AR	7-Cut, Std Wt Natural Cotton/Poly, Dbl Sd Brown PVC Dot Coat	Men's
CD5ALR	7-Cut, Std Wt Natural Cotton/Poly, Dbl Sd Brown PVC Dot Coat	Ladies'
CD5AYR	7-Cut, Std Wt Natural Cotton/Poly, Dbl Sd Brown PVC Dot Coat	Youth
CV18AR	7-Cut, Med Wt Natural Cotton, Dbl Sd Blu "V" Ptrn PVC Coat	Men's
CV18ALR	7-Cut, Med Wt Natural Cotton, Dbl Sd Blu "V" Ptrn PVC Coat	Ladies'
CV18ARJ	7-Cut, Med Wt Natural Cotton, Dbl Sd Blu "V" Ptrn PVC Coat	Jumbo
CV18AYR	7-Cut, Med Wt Natural Cotton, Dbl Sd Blu "V" Ptrn PVC Coat	Youth
PKD18A	7-Cut, Med Wt Wht Cotton/Poly, Sngl Sd White PVC Dot Coat	Men's
PKD18AL	7-Cut, Med Wt Wht Cotton/Poly, Sngl Sd White PVC Dot Coat	Ladies'
CB18A	7-Cut, Std Wt Natural Cotton/Poly, Sngl Sd Blue PVC Block Coat	Men's
CB18AL	7-Cut, Std Wt Natural Cotton/Poly, Sngl Sd Blue PVC Block Coat	Ladies'
CB18AY	7-Cut, Std Wt Natural Cotton/Poly, Sngl Sd Blue PVC Block Coat	Youth
CB18AR	7-Cut, Std Wt Natural Cotton/Poly, Dbl Sd Blue PVC Block Coat	Men's
CB18ALR	7-Cut, Std Wt Natural Cotton/Poly, Dbl Sd Blue PVC Block Coat	Ladies'
CB18AYR	7-Cut, Std Wt Natural Cotton/Poly, Dbl Sd Blue PVC Block Coat	Youth
NVC13A	13-Cut, Lt Wt Natural Cotton/Poly, Sngl Sd Rust PVC Full Palm Coat	Men's
NVC13AL	13-Cut, Lt Wt Natural Cotton/Poly, Sngl Sd Rust PVC Full Palm Coat	Ladies'

## Sperian Hand & Arm Protection

### Seamless Knits (Coated, Continued)

Item #	Description	Size
CPVC13J-RS	13-Cut, Lt Wt Natural Cotton/Poly, Sngl Sd Rust PVC Full Palm Coat	Jumbo
NVC13AY	13-Cut, Lt Wt Natural Cotton/Poly, Sngl Sd Rust PVC Full Palm Coat	Youth
VC18A-BR	7-Cut, Std Wt Natural Cotton/Poly, Sngl Sd Brown PVC Full Palm Coat	Men's
VC18AL-BR	7-Cut, Std Wt Natural Cotton/Poly, Sngl Sd Brown PVC Full Palm Coat	Ladies'
VC18AY-BR	7-Cut, Std Wt Natural Cotton/Poly, Sngl Sd Brown PVC Full Palm Coat	Youth

### Sperian EarthSmart™

Item #	Description	Size
RGD7	Lt Green, Seamless Knit, Made from Recycled Green Plastic Pop Bottles, Black Dot Pattern	Men's
RGD7L	Lt Green, Seamless Knit, Made from Recycled Green Plastic Pop Bottles, Black Dot Pattern	Ladies'

### Sperian WorkEasy® Series

Item #	Description	Size
WE100	White Polyester Liner with Gray Nitrile Coating	S-XXL
WE110	Black Polyester Liner with Black Nitrile Coating	S-XXL
WE200	White Polyester Liner with Gray Polyurethane Coating	S-XXL
WE210	Black Polyester Liner with Gray Polyurethane Coating	S-XXL
WE300	Light Gray, HPPE Fiber Liner with Gray Polyurethane Coating	S-XXL

### Pure Fit™ – Dipped Gloves, Nylon Liner

Item #	Description	Size
369	White Liner with Gray Nitrile Palm Coating	S-XL
375	Black Liner with Gray Nitrile Palm Coating	S-XL
380	Black Liner with Black Nitrile Palm Coating	S-XL
390	White Liner with Gray Foamed Nitrile Palm Coating	S-XL
395	Black Liner with Gray Foamed Nitrile Palm Coating	S-XL
PF525	White Liner with Gray Polyurethane Palm Coating	S-XL
PF550	Black Liner with Gray Polyurethane Palm Coating	S-XL
PF560	Black Liner with Black Polyurethane Coating – 3/4 Dipped to Extend Over Knuckles	S-XL
PF600	White Liner with White Polyurethane Fingertip Coating	S-XL

### Pure Fit™ – Dipped Gloves, DuPont® Kevlar® Liner

Item #	Description	Size
KV371	Kevlar Knit Liner with Ultra Thin Black Palm and Fingertip Coating	S-XL
KV372	Kevlar Knit Liner with Ultra Thin Gray Palm and Fingertip Coating	S-XL

### Sperian Tuff-Glo™

Item #	Description	Size
PF541HVZ	Hi-Viz HPPE and Polyester Fiber Liner w/Orange Polyurethane Coating	S-XL
PF5413QHVZ	Hi-Viz HPPE and Polyester Fiber Liner w/Orange Polyurethane Coating, 3/4 Dipped to Extend Over Knuckles	S-XL

### Pure Fit™ – Dipped Gloves, HPPE Fiber Liner

Item #	Description	Size
PF540	White HPPE Liner w/White PU Palm and Fingertip Coating	S-XL
PF541	Charcoal HPPE Liner w/Gray PU Palm and Fingertip Coating	S-XL
PF542	White HPPE Fiber Liner w/Gray PU Coating	S-XL
PF545	Light Gray HPPE Liner w/Blue Nitrile Palm and Fingertip Coating	S-XL
PF570	Gray HPPE Fiber/Stainless Steel Liner w/HPPE Plating, Gray Nitrile Coating	S-XL

### Sperian Perfect Coat™ Series

Item #	Description	Size
300PC	Med Wt Gray Cotton/Polyester Liner w/Blue Natural Rubber* Coating	S-XL
317PC	Med Wt Fluorescent Yellow Polyliner w/Orange Natural Rubber* Palm	S-XL
320PC	Med Wt Gray Cotton/Polyester Liner w/Black Natural Rubber* Coating	S-XL
350PC	Med Wt Gray Cotton/Polyester Liner w/Green Nitrile Palm Coating	S-XL

### Perfect Coat™ Reinforced

Item #	Description	Size
330PC	Med Wt Gray Liner w/Black Coating, Added Layer of Rubber* at High-Wear Area	M-XL

### Perfect Coat™ Extended Coating

Item #	Description	Size
305PC	Medium Weight Gray Liner with Blue Coating	S-XL

### Perfect Coat™ Thermal

Item #	Description	Size
451PC	Heavyweight Light Gray Liner with Gray Coating	S-XL

### Perfect Coat™ Kevlar® & Natural Rubber

Item #	Description	Size
KV300	Med Wt Yellow Kevlar Liner w/Blue Rubber* Coating	S-XL

### Perfect Coat™ Kevlar® & Stainless Steel

Item #	Description	Size
KV303	Medium Weight Yellow Kevlar/Steel/Polyester Blend	S-XL

### Perfect Coat™ Kevlar® & Nitrile

Item #	Description	Size
KV350	Med Wt Yellow DuPont™ Kevlar® Knit liner with Green Coating	S-XL

### Sperian Tuff-Coat®

Item #	Description	Size
125	Lt Wt White Nylon Liner with Blue Latex* Crinkle Coating	S-XXL
200	Med Wt Gray Cotton/Poly Liner with Black Natural Rubber* Coating	S-XXL
250	Med Wt Black Poly/Cotton Knit Liner with Black Nitrile Coating	S-XXL
400	Med Wt Brushed Acrylic, Hi-Viz Yellow Liner with Black Natural Rubber* Coating	S-XXL

### Sperian Tuff-Coat® Dipped Gloves, Kevlar® Fiber Liner

Item #	Description	Size
KV200	Med Wt Yellow Kevlar Liner with Blue Natural Rubber* Coating	S-XXL
KV250	Med Wt Yellow Kevlar Liner with Green Rough Texture Nitrile Coating	S-XXL

## Arc Flash Hazard Gloves

### Sperian Arc-Tex™

Item #	Description	Size
ATX20	7 Gauge, Standard Weight Knit Liner	Men's
ATX20L	7 Gauge, Standard Weight Knit Liner	Ladies'
ATX20J	7 Gauge, Standard Weight Knit Liner	Jumbo
ATX20-50	7 Gauge, Std Weight w/Premium Quality Cowhide Palm Patch	Men's
ATX20L-50	7 Gauge, Std Weight w/Premium Quality Cowhide Palm Patch	Ladies'
ATX24-5FL	24 oz Heavy Weight Terry, Loop-Out, with 5 Inch Flared Cuff	Men's
ATX24L-5FL	24 oz Heavy Weight Terry, Loop-Out, with 5 Inch Flared Cuff	Ladies'
ATX24J-5FL	24 oz Heavy Weight Terry, Loop-Out, with 5 Inch Flared Cuff	Jumbo
TKATX24-5FL	24 oz Heavy Weight Terry, Loop-In, with 5 Inch Flared Cuff	Men's
TKATX24L-5FL	24 oz Heavy Weight Terry, Loop-In, with 5 Inch Flared Cuff	Ladies'
TKATX24J-5FL	24 oz Heavy Weight Terry, Loop-In, with 5 Inch Flared Cuff	Jumbo
ATX737-BT	Double Layer of Thermal Terry Cloth	Men's
ATX737J-BT	Double Layer of Thermal Terry Cloth	Jumbo

\*▲ WARNING: These products contain natural rubber/latex which may cause allergies in some individuals. These allergies can lead to serious illness or death. If an allergic reaction occurs (skin rashes, hives, flushing, itching, nasal, eye, or sinus symptoms, shortness of breath, asthma or shock), stop using this product immediately and consult a medical provider.

## Sperian Hand & Arm Protection

### Heat-Resistant Knit Gloves

#### Loop-In and Loop-Out Terry Cloth

Item #	Description	Size
TK14A-1	14 Oz, Loop-In Cotton Blend Terry Cloth, Natural, Economy	Men's
TK14AL-1	14 Oz, Loop-In Cotton Blend Terry Cloth, Natural, Economy	Ladies'
24A-1	24 Oz, Loop-Out Cotton Blend Terry Cloth, Knit Wrist, Natural	Men's
24AL-1	24 Oz, Loop-Out Cotton Blend Terry Cloth, Knit Wrist, Natural	Ladies'
24AC-1	24 Oz, Loop-Out Cotton Blend Terry Cloth, Continuous Cuff, Natural, Economy	Men's
24ALC-1	24 Oz, Loop-Out Cotton Blend Terry Cloth, Continuous Cuff, Natural, Economy	Ladies'
24A-GY-1	24 Oz, Loop-Out Cotton Blend Terry Cloth, Knit Wrist, Gray, Economy	Men's
24AL-GY-1	24 Oz, Loop-Out Cotton Blend Terry Cloth, Knit Wrist, Gray, Economy	Ladies'
TK24A-1	24 Oz, Loop-In Cotton Blend Terry Cloth, Natural	Men's
TK24AL-1	24 Oz, Loop-In Cotton Blend Terry Cloth, Natural	Ladies'
MT24A	24 Oz, Loop-Out Mock Twist Kevlar/Cotton Terry Cloth, Knit Wrist, Brown/Yellow/Natural	Men's
MT24AL	24 Oz, Loop-Out Mock Twist Kevlar/Cotton Terry Cloth, Knit Wrist, Brown/Yellow/Natural	Ladies'
TTC24GC-(size)	24 Oz, Twaron/Cotton/Poly Mock Twist, Cont Cuff, Gray	7-9

### Chemical/Liquid Resistant Gloves

#### PowerCoat® PVC

Item #	Description	Size
610	10" Double-Dipped, Rough Grip, Orange	M-XXL
620	12" Double-Dipped, Rough Grip, Orange	S-XXL
640	12" Double-Dipped, Clear Vinyl Sleeve Extension (25" Length)	M-XL
650	10" Triple-Dipped, Rough Grip, Blue	M-XXL
660	12" Triple-Dipped, Rough Grip, Blue	M-XXL
KV660	12" Triple-Dipped, 100% Kevlar liner, Blue	L-XL
460	12" Double-Dipped, Thermal Fleece Lining, Rough Grip, Orange	M-XL
490	12" Triple-Dipped, Thermal Fleece Lining, Rough Grip, Blue	M-XL

#### PowerCoat® Butyl

Item #	Description	Size
PS-BU14-R	Unsupported, 14" 14 Mil with Rough Grip, Black	M-XL

#### PowerCoat® Nitrile

Item #	Description	Size
PC-NI-VL	Supported, 13" Med Weight, Knit Liner and V-Grip, Green	7-11
PS-NI15-FL-V	Flock-Lined, 13" 18 Mil with V-Grip, Green	7-11
NI22-18	Unsupported, 18" 22 Mil	7-11
772	Supported, 26" Med Wt, Elastic Cuff, Rough Grip, Yellow	M-XL
1520	Supported, 12" Med Wt, Blue Over Blue	M-XXL

#### PowerCoat® Latex\*

Item #	Description	Size
PC-LBL	Supported, 12" Med Wt, Double-Dipped, Smooth Grip, Blue	S-XL

#### PowerCoat® Neoprene

Item #	Description	Size
PC-NE14	Supported, 14" Med Wt, Double-Dipped, Rough Grip, Black/Blue	M-XL

#### PowerCoat® Disposables

Item #	Description	Size
PSD-N14	Powder Free, 12" 4 Mil Disposable Nitrile, 50 Pcs/Bx, Blue	S-XXL
PSD-N18	Powder Free, 12" 8 Mil Disposable Nitrile, 50 Pcs/Bx, Blue	S-XXL
PSD-TRIP	Powder Free, 12" 5 Mil Disposable Tri-Polymer, 100 Pcs/Bx, Purple	S-XL

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### Hand protection with a Perfect Fit

### Arm Protection

#### DuPont® Kevlar®

Item #	Description	Size (Inches)
KVSL-2-(length)	Lt Wt, 100% Kevlar, Yellow	18
KVS-2-(length)	Std Wt, 100% Kevlar, Yellow	10, 14, 18
KVS-2-(length)TH	Std Wt, 100% Kevlar with Thumb Hole, Yellow	14, 18, 22, 24
KVS-2-(length)TH-3BT	Std Wt, 100% Kevlar with Thumb Hole and 3 Finger Bar Tacks, Yellow	14
KVS-2-(length)TH-90	Std Wt, 100% Kevlar with Thumb Hole and Leather Reinforcement, Yellow	14, 18
KVS-2-(length)TH-NS	Std Wt, 100% Kevlar with Thumb Hole and No-Slip Top, Yellow	18, 20
KVS44-2-(length)	Std Wt, Kevlar and Cotton Blend	14, 18
KVS44-2-(length)TH	Std Wt, Kevlar And Cotton Blend w/Thumb Hole	14, 18
BK-KVS-2-(length)	Std Wt, 100% Kevlar Knit, Black	10, 14, 18, 24
BK-KVS-2-(length)TH	Std Wt, 100% Kevlar Knit, Black w/Thumb Hole	18, 23

#### Cotton

Item #	Description	Size (Inches)
CS-2-(length)	2-Ply 100% Cotton Knit	18, 20
CS-1-(length)LO	Loop-Out Terry Cloth Sleeve	15, 18

#### Sperian Arc Tex™

Item #	Description	Size (Inches)
ATX-21-M	21" Blouse Sleeve, 8" width	21
ATX-21-L	21" Blouse Sleeve, 9-1/2" width	21

#### Sperian Perfect Fit CRT™

Item #	Description	Size (Inches)
CRTS-2-(length)	Std Weight, 2-ply CRT Fiber	14, 18
CRTS-2-(length)TH	Std Weight, 2-ply CRT Fiber w/Thumb Hole	14, 18
CRTS-2-24TH-3BT	Std Weight, 2-ply CRT Fiber w/Thumb Hole, and Finger Bar Tack	24

#### Sperian Comfortrel™

Item #	Description	Size (Inches)
CTSS-2-(length)	Std Wt, 2-ply Comfortrel Fiber	14, 18
CTSS-2-(length)TH	Std Wt, 2-ply Comfortrel Fiber with Thumb Hole	14, 18

#### Perfect Fit® – HPPE Fibers

Item #	Description	Size (Inches)
PFSL-10-GY	10" Standard Weight HPPE Fiber, Bloused Sleeve, Gray	10
LPFSL-21-AC	21" Lightweight HPPE Fiber Sleeve, Alligator Clip, White	21

#### Whiting + Davis™ Mesh Sleeves

Item #	Description	Size
A588(size)E	Stainless Steel Mesh Sleeve, Elastic Strap and Side Adjustment	XXS-XXL
D2588	Double Stainless Steel Mesh Sleeve, Polypropylene Harness	XXS-XXL

#### Abbreviation Key

Blk	Black	Coat	Coating
Bwn	Brown	Rnfrcd	Reinforced
Wht	White	Tech	Technology
Ylw	Yellow	Prem	Premium
Blu	Blue	Prem Gr	Premium Grade
Orng	Orange	Stitch	Stitching
Std Wt	Standard Weight	Extnd	Extended
Lt Wt	Lightweight	Ptn	Pattern
Hvy Wt	Heavyweight	Synth Blend	Synthetic Blend
Med Wt	Medium Weight	Oz	Ounce
Sngl Sd	Single Side	Cotton/Poly	Cotton/Polyester
Dbl Sd	Double Side	Cont	Continuous



SPERIAN Protection Americas, Inc.  
900 Douglas Pike  
Smithfield, RI 02917  
Tel: 800 343-3411  
Fax: 800 322-1330  
[www.sperian.com](http://www.sperian.com)