

PRIMUS



**SAFETY
CATALOG**

SECOND • EDITION

Location

Primus Corporate

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Office Hours

Monday - Friday
7 am - 6 pm

Pickup Hours

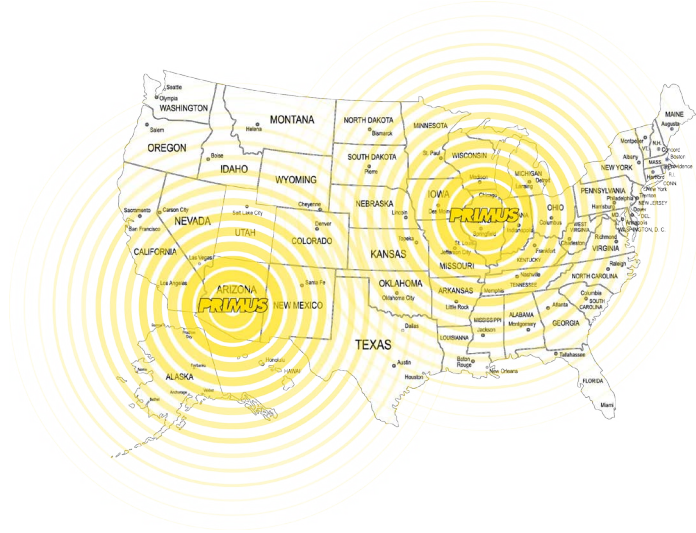
Monday - Friday
7 am - 8 pm

Primus West

601 S 55th Avenue
Phoenix, AZ 85043

Hours of Operation

Monday - Friday
7 am - 7 pm
Saturday
7 am - 1 pm



Connect with us



Ordering Information

For quotes or order support, contact Primus at (800) 435-1636 or email Customer Support at support@primuselectronics.com.

Live support is available Monday through Friday, 7 am to 6 pm Central Time.

Affiliations

Primus Electronics is a proud member of the following associations:



Table of Contents

FALL PROTECTION

4



ROPE AND ROPE ACCESSORIES

54



RIGGING

60



JOBSITE ESSENTIALS

66



SAFETY

72



WORK WEAR AND GEAR

88



BAGS

94



POWER PRODUCTS

101



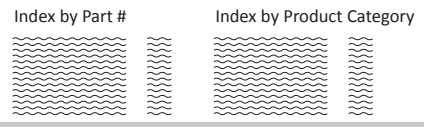
TRAINING CLASSES

111



INDICIES

118



Quality Manufacturers

3M
3Z Telecom
Adventure Medical Kits
Ajax Fasteners
Allcom Products
Amphenol/Antel
Amphenol Fiber Optic
Anchor Paint
Andrew
Anritsu
Astron Corporation
Astron Wireless Technologies
Atlas Sound
Band-It
Bee Electronics
Belden
Bird Technologies Group
Breeze
Brunton
Buckingham
Burndy
Bushnell
Cambium Networks
Capital Safety
Carrier Class Green Infrastructure
Cellmax
Cell Trees
Cellular Specialties, Inc.
Central Steel
CES Wireless Technologies
Chicago Hardware & Fixture Co.
Cielo Networks
CITCA
ClimbTech
Cobham SATCOM
Commander Technologies
Commscope
Communications Specialists, Inc.
Comprod Communications
Comsite Hardware, Inc.
Comtelco Industries, Inc.
ConcealFab
Cooper B-Line
Cooper Power Systems
CPI Communications
Crescend Technologies

The Crosby Group
CSS Antenna
CST/berger
Custom Cable
DB Spectra
DDB Unlimited
Dewalt
Digital Barriers
Dillon
DSG-Canusa
DuraComm
Easy Up
Electric Motion Company, Inc.
Elk River
EMR Corporation
EM Wave, Inc.
Ergodyne
Erico
Erin Rope
Esteem
EXFO
Exocomm Technology Group
FallTech
Fibergate Composite Structures
Fiplex
Flash Technology
Galtronics
General Dynamics/SATCOM
GS Battery
Guardian
Harger
Highline Products
Hilti
Hoffman
Hubbell Power Systems
HUBER+SUHNER
Hughey and Phillips
ICT
Improved Product Technologies
iTech
JMA
Kaelus
Kathrein Inc., Scala Division
Kearney
Kee Safety
Keson

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KMW
KTS Wireless
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Leupold
Lilee Systems
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Narda Safety Test Solutions
National Strand
Net-Tech Distributing, Inc.
Newmar
Northstar Battery
Novabraid
ODM
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Panorama Antennas
PCTEL, Inc.
Peabody Engineering
Peabody RFTC Concealment
Pelican Case
Pelican Rope
Peltor
Petzl
Phazar
PMI
PolyPhaser
Preformed Line Products
Premier Mounting Solutions
Pryme Radio Products
Prysman Group/Draka
Pulse Electronics
Python Safety
Radiowaves
Radio Frequency Systems, Inc.

Radwin
Railroad Products
Raycap
RF Industries
Ritron Wireless Solutions
Rockford Rigging
Rohn Products, LLC.
Roxtec
RSI
Saf-T-Gard
Samlex America
Sanyo Solar
SeamCraft
Sensear
Simpson Strong-Tie
Sinclair
Skylotec
Snap-N-Strut
Speco Technologies
Spectracom
Spinner
Stabila
STI-CO
Storm Case
Straight Ahead Inc.
Structural Components
Sumner
Sunlight Instruments
Suunto
TEKO
Telephone Components
Telewave, Inc.
Times Microwave
TJ Cope
Topcon
TPL Communications
Tractel
Transtector Systems
Trilogy Communications, Inc.
Tripp-Lite
Trylon
Tuf-Tug Products
TWR Lighting, Inc.
Ubiquiti Networks
Westell
Zinga

Fall Protection

Harnesses



Elevation Fall Protection Harness

- Premium padding
- Intuitive adjustment hardware
- Tight weave web
- Rubber protective shield for label pack
- Integrated lanyard storage and web keepers
- Back pad
- Quick-connect

Mfr	Part #
3M	7512E

Meets ANSI Z359.1



Wind Energy Harness

- Quick-connect chest buckle
- Grommet legs
- Side, back, and standard front D-ring
- Lanyard storage and web keepers

Mfr	Part #	Size
3M	1492-S	S
	1492-M	M
	1492-L	L
	1492-XL	XL
	1492-XXL	2XL

Meets ANSI Z359.1



Fall Arrest Harness with Vest

- Vest-style fall arrest harness
- Pass-thru chest connection buckles with grommet legs
- Bright color including 3M™ Scotchlite™ reflective material
- Back and side D-rings

Mfr	Part #	Size
3M	1808	L-XL

Meets OSHA 1910, 1926, ANSI Z359.1 and CSA Z259.10 Class AP. Vest meets ANSI/ISEA 107-2004 as a Class II for visibility.



'H' Style Combination Harness

- Work Positioning
- Padded shoulder and leg pads
- Split tongue quick-connect buckles with leather chafes on chest and leg straps
- Steel D dorsal attachment
- Permanently attached lightweight body belt

Mfr	Part #	Size
Buckingham	61999-S	S
	61999-M	M
	61999-L	L
	61999-XL	XL

Meets applicable ASTM standards



'H' Style Full Body Premier Tower Harness

- Tower and Rescue
- Built-in body belt
- Shoulder and leg pads
- Split tongue quick-connect buckles on chest and leg straps
- Steel D dorsal attachment and spring-loaded friction buckles
- Front chest D-ring
- PVC shoulder loops

Mfr	Part #	Size
Buckingham	61995-S	S
	61995-M	M
	61995-L	L
	61995-XL	XL

Meets ANSI Z359.1



'H' Style Full Body Harness

- Work Positioning
- Velcro chest strap
- Grommet leg straps
- Reinforced web loop dorsal attachment
- Optional full float body belt [secured to harness with quick-connect nylon clips on harness]

Mfr	Part #	Size
Buckingham	6394710-S	S
	6394710-M	M
	6394710-L	L
	6394710-XL	XL
	1993F	Belt

Meets all applicable ANSI, OSHA, & ASTM standards | Non-standard sizes available



'X' Style Full Body Harness

- Tower and Rescue
- Built-in body belt has interlocking torso buckles
- Grommet leg straps and steel D-ring for dorsal attachment
- Removable shoulder pads with loops

Mfr	Part #	Size
Buckingham	603K469E3T9-S	S
	603K469E3T9-M	M
	603K469E3T9-L	L
	603K469E3T9-XL	XL

Meets all applicable ANSI & OSHA standards
Non-standard sizes available



'X' Style Full Body Harness

- Tower, Hi-line, & Wind Energy
- Optional body belt (as shown)
- Interlocking leg/torso buckles
- Front web loop for use with cable/rope grab or rescue
- Web dorsal loop
- Shoulder loops

Mfr	Part #	Size
Buckingham	603E3720N8R3-S	S
	603E3720N8R3-M	M
	603E3720N8R3-L	L
	603E3720N8R3-XL	XL
	1997T2	Belt

Meets all applicable ANSI & ASTM standards
Non-standard sizes available

Harnesses (cont.)



Ergovation™ 'H' Style Arborist Retro Harness, Model REH1

- Optional: saddles; ascender; SRT; and Batten Seat (as shown)
- Accommodates dorsal fall arrest & climbers utilizing SRT
- Aluminum D-ring
- Plastic quick-connect buckles
- Velcro chest retention strap

Mfr	Part #	Size
Buckingham	16906H1-S	S
	16906H1-M	M
	16906H1-L	L
	16906H1-XL	XL



Ergovation™ 'Y' Style Tower and Wind Energy Retro Harness, Model REH2

- Optional saddle, ascender and SRT (as shown)
- Accommodates sternal & dorsal fall arrest, and chest ascender attachment
- Aluminum D-ring
- Y2 friction buckles

Mfr	Part #	Size
Buckingham	16906H2-S	S
	16906H2-M	M
	16906H2-L	L
	16906H2-XL	XL

Meets ANSI Z359.1, EN 358/ EN 813



'Y' Style Full Body Harness

- Tower and Rescue
- Built-in body belt has split tongue quick-connect buckles on leg straps
- Sternum D-ring adjusts up/down
- Steel D dorsal attachment
- Back chafes and rounded shoulder pads prevent chafing
- Padded leg straps

Mfr	Part #	Size
Buckingham	61993-S	S
	61993-M	M
	61993-L	L
	61993-XL	XL

Meets ANSI Z359.1



'X' Style Full Body Utility Harness

- Interlocking torso and leg strap buckles
- Reinforced web loop dorsal attachment
- Adjustable interlocking torso buckles and reinforced web front loop
- Type 10 nylon webbing

Mfr	Part #	Size
Buckingham	603E3700R3-S	S
	603E3700R3-M	M
	603E3700R3-L	L
	603E3700R3-XL	XL

Meets all applicable ANSI, ASTM, and ASTM F887 standards

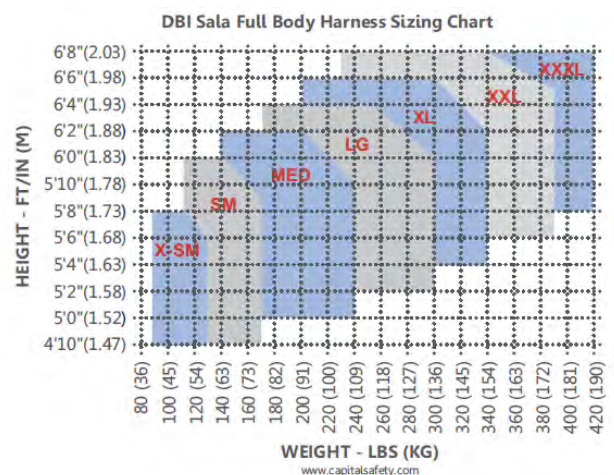


ExoFit NEX Tower Climbing Harness

- Duo-Lok™ quick-connect buckles - lightweight one-handed use with memory-fit
- Covered labels and i-Safe™ Velcro® cover protects labels and positions them in an easy-to-access location
- Revolver™ simple and fast adjustment that locks into position
- Hybrid comfort padding marries premium comfort and durability
- Tech-Lite™ aluminum D-rings: lightweight alloy adds to comfort
- Repel technology webbing provides up to 5 times more abrasion resistance and water repellency
- Integrated trauma straps
- Reflective material provides better visibility
- Impact indicator stitches
- Built-in carrying pocket on chest and covered labels
- Breakaway lanyard keepers
- Max capacity: 420 lbs

Mfr	Part #	Size
DBI Sala	1113190	S
	1113191	M
	1113192	L
	1113193	XL
	1113194	2XL

Meets all applicable industry standards, including OSHA, ANSI, CSA, and CE



More Harnesses >>>

Fall Protection

Harnesses (cont.)



'H' Style Full Body Utility Harness

- Quick-connect buckles on leg straps
- Velcro chest strap
- Padded leg & shoulders
- 18" Dorsal pigtail with small D-ring attached to 4-1/2' shock absorbing lanyard

Mfr	Part #	Size
Buckingham	637G8C500CK1-S	S
	637G8C500CK1-M	M
	637G8C500CK1-L	L
	637G8C500CK1-XL	XL

Meets all applicable ANSI and ASTM F887 standards



ExoFit NEX Vest Style Harness

- Tech-Lite™ Back D-ring
- Duo-Lok™ Quick-connect Buckles

Mfr	Part #	Size
DBI Sala	1113001	S
	1113004	M
	1113007	L
	1113010	XL

Meets ANSI Z359.1 & all OSHA standards



ExoFit NEX Climbing Harness

- Tech-Lite™ Front and Back D-rings
- Duo-Lok™ Quick-connect Buckles

Mfr	Part #	Size
DBI Sala	1113031	S
	1113034	M
	1113037	L
	1113040	XL

Meets ANSI Z359.1 & all OSHA standards



ExoFit NEX Positioning Harness

- Tech-Lite™ Back and Side D-rings
- Duo-Lok™ Quick Connect Buckles

Mfr	Part #	Size
DBI Sala	1113046	S
	1113049	M
	1113052	L
	1113055	XL

Meets ANSI Z359.1 & all OSHA standards



ExoFit NEX Retrieval Harness

- Tech-Lite™ Back and Shoulder D-rings
- Duo-Lok™ Quick-connect Buckles

Mfr	Part #	Size
DBI Sala	1113061	S
	1116064	M
	1113067	L
	1113070	XL

Meets ANSI Z359.1 & all OSHA standards



ExoFit NEX Climbing/Positioning Harness

- Tech-Lite™ Front, Back, and Side D-rings
- Duo-Lok™ Quick-connect Buckles

Mfr	Part #	Size
DBI Sala	1113076	S
	1113079	M
	1113082	L
	1113085	XL

Meets ANSI Z359.1 & all OSHA standards



ExoFit NEX Cross-Over Climbing Harness

- Tech-Lite™ Front and Back D-rings
- Duo-Lok™ Quick-connect Buckles

Mfr	Part #	Size
DBI Sala	1113091	S
	1113094	M
	1113097	L
	1113100	XL

Meets ANSI Z359.1 & all OSHA standards



ExoFit NEX Construction Style Harness

- Tech-Lite™ Back and Side D-rings
- Duo-Lok™ Quick-connect Buckles
- Sewn-in hip pad and body belt

Mfr	Part #	Size
DBI Sala	1113121	S
	1113124	M
	1113127	L
	1113130	XL

Meets ANSI Z359.1 & all OSHA standards

Harnesses (cont.)



ExoFit NEX Construction / Climbing Style Harness

- Tech-Lite™ Front, Back, and Side D-rings
- Duo-Lok™ Quick-connect Buckles
- Sewn-in hip pad and body belt

Mfr	Part #	Size
	1113151	S
DBI Sala	1113154	M
	1113157	L
	1113160	XL

Meets ANSI Z359.1 & all OSHA standards



ExoFit XP Tower Climbing Vest Style Harness

- Front & side D-rings and back “stand-up” D-ring
- Seat sling with positioning rings
- Quick-connect buckles
- Hip pad and body belt

Mfr	Part #	Size
	1110300	S
DBI Sala	1110301	M
	1110302	L
	1110303	XL

Meets CSA, ANSI Z359.1 & OSHA standards



ExoFit Construction Vest Style Harness

- Back & side D-rings
- Tongue buckle leg straps
- Built-in shoulder, back, leg, and hip padding
- Quick-connect buckles
- Loops for body belt

Mfr	Part #	Size
	1108500	S
DBI Sala	1108501	M
	1108502	L
	1108507	XL

Meets OSHA, ANSI, CSA, CE and AS/NZS without modification



ExoFit Tower Climbing Vest Style Harness

- Front & back D-rings
- Belt with hip pad and side D-rings
- Quick-connect buckles
- Removable seat sling with positioning D-rings

Mfr	Part #	Size
	1108650	S
DBI Sala	1108651	M
	1108652	L
	1108657	XL

Meets OSHA, ANSI, CSA, CE and AS/NZS without modification



ExoFit Standard Vest Style Harness

- Back D-ring
- Built-in shoulder, back, leg, and hip padding
- Quick-connect buckles
- Loops for body belt

Mfr	Part #	Size
	1107975	S
DBI Sala	1107976	M
	1107977	L
	1107981	XL

Meets OSHA, ANSI, CSA, CE and AS/NZS without modification



ExoFit Wind Energy Vest Style Harness

- Back D-ring
- Built-in shoulder, back, leg, and hip padding
- Quick-connect buckles
- Loops for body belt

Mfr	Part #	Size
	1102385	S
DBI Sala	1102386	M
	1102387	L
	1102388	XL

Meets ANSI, OSHA, CSA and CE standards



Delta II All-Purpose Harness

- Vest-style harness with back “stand up” D-ring
- Available in both tongue buckle legs or pass-thru leg straps

Mfr	Part #	Size
	Tongue Buckle Legs	
	1102000	Universal
DBI Sala	1101252	XL
	Pass-Thru Leg Straps	
	1103321	Universal
	1101776	XL

Meets ANSI Z359.1 and OSHA standards



Delta II Vest Style Harness

- Front D-ring and back “stand-up” D-ring
- Tongue buckle leg straps
- Loops for belt

Mfr	Part #	Size
	1107806	S
DBI Sala	1107807	M
	1107800	L
	1107803	XL

Meets ANSI Z359.1 and OSHA standards

More Harnesses >>>

Fall Protection

Harnesses (cont.)



Delta II Tower Climbing Vest Style Harness

- Front D-ring & back “stand up” D-ring
- Belt with pad and side D-rings
- Two tool rings
- Seat sling with positioning D-rings
- Tongue buckle leg straps

Mfr	Part #	Size
DBI Sala	1107776	S
	1107777	M
	1107775	L
	1107778	XL

Meets or exceeds all applicable industry standards, including OSHA and ANSI Z359



Delta II Construction Vest Style Harness

- Back “stand-up” D-ring & side D-rings
- Vest with sewn-in hip and shoulder pads
- Tongue buckle leg straps

Mfr	Part #	Size
DBI Sala	1102201	S
	1101654	M
	1101655	L
	1101656	XL

Meets ANSI Z359.1 and OSHA standards



Protecta First™ Vest Harness

- Vest style harness with back D-ring
- Polyester webbing
- Adjustable dorsal D-ring for proper fit

Mfr	Part #	Size
Protecta	Tongue Buckle Legs	
	AB17550	Universal
	AB17550-XL	XL
	Pass-Thru Leg Straps	
AB17530	Universal	
AB17530-XL	XL	

Meets or exceeds OSHA 1926 & ANSI Z359 performance criteria.



Peregrine RAS Harness

- 5 Aluminum D-rings: 70° D-ring at back, 2 on hips, 2 on seat strap
- 1 steel D-ring on chest strap
- Removable/Adjustable seat strap
- Removable tool belt
- 5" padded backpad
- Made of polyester and nylon

Mfr	Part #	Size
Elk River	67631	S
	67632	M
	67633	L
	67634	XL

Classifications: Class A, P, D, L



Peregrine Harness

- 6 Aluminum D-rings including 1 steel D-ring on chest strap
- Quick-connect buckles on chest and legs
- Lanyard parks & fall indicators
- 5" backpad w/ accessory rings
- Removable tool belt
- 4" padded seat strap with removable aluminum bar in seat
- Made of polyester and nylon

Mfr	Part #	Size
Elk River	67601	S
	67602	M
	67603	L
	67604	XL

Classifications: Class A, P, D, L



Peregrine EX Harness

- Same as Peregrine Harness except with tongue buckles on legs

Mfr	Part #	Size
Elk River	67611	S
	67612	M
	67613	L
	67614	XL

Classifications: Class A, P, D, L



Pinnacle® Tower Harness

- 6 steel D-rings
- Quick-connect buckles on chest and leg straps
- Fully integrated in-line energy-absorber and lanyard parks
- 5" backpad w/ accessory rings
- Removable tool belt
- 4" seat strap with removable aluminum bar in seat

Mfr	Part #	Size
Elk River	68601	S
	68602	M
	68603	L
	68604	XL

Classifications: Class A, P, D, L



Pinnacle® Tower AL Harness

- Same as Pinnacle Tower Harness except includes 5 aluminum D-rings (at back, hips, seat strap), and 1 steel D-ring at chest

Mfr	Part #	Size
Elk River	68611	S
	68612	M
	68613	L
	68614	XL

Classifications: Class A, P, D, L

Harnesses (cont.)



Eagle Tower™ LE Harness

- 6 steel D-rings: back, chest, hips, and seat strap
- Breakaway lanyard clips
- Tongue buckles on leg straps
- Quick-connect buckles on chest strap
- Padded backpad & removable tool belt

Mfr	Part #	Size
	66611	S
Elk River	66612	M
	66613	L
	66614	XL

Classifications: Class A, D, L, P



Eagle Tower™ LX Harness

- 6 steel D-rings
- Quick-connect buckle on chest strap and lanyard parks
- Tongue buckles on leg straps
- Pull-up shoulder adjusters
- 5" padded backpad with accessory rings
- Removable tool belt
- 5" padded seat strap with aluminum bar in seat

Mfr	Part #	Size
	66621	S
Elk River	66622	M
	66623	L
	66624	XL

Classifications: Class A, P, D, L



Eagle Tower™ QC-XT Harness

- 6 steel D-rings including 70° angled D-rings on hips
- Quick-connect buckles on chest and leg straps
- Lanyard parks
- 5" padded backpad with accessory rings
- Removable tool belt
- 4" padded seat strap with removable aluminum bar in seat

Mfr	Part #	Size
	66641	S
Elk River	66642	M
	66643	L
	66644	XL

Classifications: Class A, P, D, L



TowerMaster™ LE Harness

- 4 steel D-rings at back, hips and chest
- Parachute mating buckle on chest strap
- Tongue buckles on leg straps
- Pull-up shoulder adjusters
- Lanyard parks
- 4" backpad
- Removable tool belt
- Made of polyester and nylon

Mfr	Part #	Size
	75421	S
Elk River	75422	M
	75423	L
	75424	XL

Classifications: Class A, P, L



TowerMate™ LE Harness, 2 D-Rings

- 2 steel D-rings: back/chest
- Quick-connect buckle on chest strap
- Parachute mating buckles on leg straps
- Pull up shoulder adjusters
- Lanyard parks
- Made of polyester

Mfr	Part #	Size
Elk River	56222	S - L
	56224	L - XL

Classifications: Class A, L



TowerMate™ LE Harness, 4 D-Rings

- Same as TowerMate Harness except includes 4 steel D-rings (at back, hips, chest)

Mfr	Part #	Size
	56422	S - L
Elk River	56424	L - XL

Classifications: Class A, P, L



WearMaster® Harness

- 3 steel D-rings at back & hips
- Parachute mating buckle on chest and leg straps
- Adjustable shoulder strap with shoulder pads
- Backpad & removable tool belt

Mfr	Part #	Size
	74301	S
Elk River	74302	M
	74303	L
	74304	XL

Classifications: Class A and P



WorkMaster® Harness

- 3 steel D-rings at back & hips
- Parachute mating buckle on chest strap
- Adjustable shoulder strap with shoulder pads
- Backpad & removable tool belt
- Tongue buckles on leg straps

Mfr	Part #	Size
	75301	S
Elk River	75302	M
	75303	L
	75304	XL

Classifications: Class A and P

[More Harnesses >>>](#)

Harnesses (cont.)



ConstructionPlus CP+ Harness

- 1 steel D-ring at back
- 6' NoPac® energy absorbing lanyard attached to D-ring at center of back
- Parachute mating buckles on chest and leg straps
- Snaphook 3.6M Gate
- One size fits most

Mfr	Part #	Size
Elk River	48113	S - XL

Classifications: Class A



ConstructionPlus CP+ Harness

- Soft attachment at D-slider
- 6' NoPac® energy absorbing lanyard attached to D-ring at center of back
- Parachute mating buckles on chest and leg straps
- Snaphook 3.6M Gate
- One size fits most

Mfr	Part #	Size
Elk River	48013	S - XL

Classifications: Class A



ConstructionPlus CP+ Harness

- 3 D-rings: center of back and hips
- Parachute mating buckles on chest and leg straps
- One size fits most

Mfr	Part #	Size
Elk River	48303	S - XL

Classifications: Class A and P



ConstructionPlus CP+ Harness

- 3 D-rings: center of back and hips
- Parachute mating buckles on chest strap
- Tongue buckles on leg straps
- One size fits most

Mfr	Part #	Size
Elk River	48353	S - XL

Classifications: Class A and P



ConstructionPlus CP+ Harness

- 1 sliding steel D-ring at center of back
- Parachute mating buckles on chest and leg straps
- One size fits most

Mfr	Part #	Size
Elk River	48103	S - XL

Classifications: Class A



EZE-Wear™ Harness

- 1 Steel D-ring at back
- Full strength chest strap with mating buckle connection
- Sub-pelvic strap
- Tongue buckle leg straps
- Polyester and Nylon

Mfr	Part #	Size
Elk River	52102	S - L
	52104	L - XL

Classifications: Class A



EZE-Wear™ Harness

- 1 steel D-ring at center of back
- Full strength chest strap with mating buckle connection
- Belt loop slots at waist
- Sub-pelvic strap
- Tongue buckle leg straps
- Polyester and nylon

Mfr	Part #	Size
Elk River	52112	S - L
	52114	L - XL

Classifications: Class A



EZE-Wear™ Harness

- 3 D-rings: center of back and hips
- Full strength chest strap with mating buckle connection
- Sub-pelvic strap
- Tongue buckle leg straps
- Polyester and nylon

Mfr	Part #	Size
Elk River	52302	S - L
	52304	L - XL

Classifications: Class A and P

Harnesses (cont.)



FreedomFlex™ QC Harness

- 1 steel D-ring at back
- Flexible shoulder straps and adjusters for all day comfort
- Sub-pelvic strap
- Quick-connect buckles at chest and leg strap
- Polyester

Mfr	Part #	Size
Elk River	47169	M - 2XL

Classifications: Class A



FreedomFlex™ Harness

- 3 D-rings at back and hips
- Flexible shoulder straps and adjusters for all day comfort
- Parachute mating buckles at chest strap
- Sub-pelvic strap
- Tongue buckle leg straps
- Polyester and nylon

Mfr	Part #	Size
Elk River	47349	M - 2XL

Classifications: Class A and P



WindEagle™ LE Harness

- Work positioning work/rescue
- 4 steel D-rings at back, hips, and chest
- Quick-connect buckles on chest and leg straps
- Large D-ring slider at back
- 6" backpad & lanyard parks
- Removable tool belt
- Made of polyester and nylon

Mfr	Part #	Size
Elk River	62451	S
	62452	M
	62453	L
	62454	XL

Classifications: Class A, P, L



WindEagle™ Harness

- 4 steel D-rings at back, hips, and chest
- Quick-connect buckles on chest and leg straps
- Large D-ring slider at back
- Pull up shoulder adjusters
- Lanyard parks
- Leg pads
- Made of polyester and nylon

Mfr	Part #	Size
Elk River	62432	S - L
	62434	L - XL

Classifications: Class A, P, L



Universal Harness

- 1 steel D-ring at center of back
- Shoulder strap adjusters
- Parachute mating buckles on chest strap
- Tongue buckles on leg straps
- One size fits most

Mfr	Part #	Size
Elk River	42159	M - 2XL

Classifications: Class A



Freedom® Vest Harness

- High-visibility orange or green vest
- Snap-on design
- 3 D-rings at back and hips
- Sub-pelvic strap
- Parachute mating buckles on leg straps
- Made of polyester
- One size fits most

Mfr	Part #	Color	Size
Elk River	55393	Orange	M-XL
River	55394	Green	M-XL

Classifications: Class A



ComforTech Tower Harness

- 6 Steel D-rings at back, side, front, and seat
- Tongue buckle legs and quick connect chest
- Removable saddle seat
- Removable padding
- Adjustable legs and belt

Mfr	Part #	Size
FallTech	7084-S	S
	7084-M	M
	7084-L	L
	7084-XL	XL

Meets or exceeds OSHA 1926.502 regulations and ANSI Z359.3-2007 standards



FlowTech Belted Fall Arrest and Work Positioning Harness

- 3 Forged aluminum D-rings at back and sides
- Tongue buckle legs and quick connect chest
- Leg and waist padding
- Heavy duty workbelt
- FlowScope™ technology allows harness to remain raised off body

Mfr	Part #	Size
FallTech	7088-S	S
	7088-M	M
	7088-L	L
	7088-XL	XL

Meets or exceeds OSHA 1926.502 regulations and ANSI Z359.3-2007 standards

More Harnesses >>>

Harnesses (cont.)



Arc Flash Harness

- 3 Coated steel D-rings: back/sides
- Quick-connect buckles at legs and chest
- Belt with leather insulators
- Coated steel mating buckle adjusters on chest, torso, belt, and legs
- Paired front rescue loops
- Shoulder, leg, waist padding

Mfr	Part #	Size
FallTech	8073R-S	S
	8073R-M	M
	8073R-L	L
	8073R-XL	XL

Meets or exceeds OSHA 1926.502 regulations and ANSI Z359.3-2007 standards



Tower Edge Construction Harness

- Great for climbing, work positioning, and suspension
- Quick-connect buckles
- Comfortable saddle seat
- Integrated hydration/cool pouch for long climbs
- Ultra padding throughout
- Includes body belt

Mfr	Part #	Size
Guardian	293371	M-XL
	293372	2XL

Compatible with OSHA/ANSI compliant PFAs on the market



Seraph Universal Harness

- Quick-adjust torso buckles
- 5 points of adjustment
- Stretchability in the shoulders and back
- 2 lanyard keepers
- Tongue buckle leg straps

Mfr	Part #	Size
Guardian	11164	M-L
	11166	XL-2XL

Guardian harnesses are designed to comply with applicable OSHA and ANSI standards for fall protection equipment



Seraph Construction Harness

- Quick-adjust torso buckles
- Six points of adjustment
- Stretchability in the shoulder straps and impact indicator
- Hammer loops
- Tongue buckle leg straps and side D-rings

Mfr	Part #	Size
Guardian	11173	M-L
	11171	XL-2XL

This product meets all applicable OSHA and ANSI standards for fall protection equipment



Lineman Harness

- Extra-wide cradle seat with attached D-rings
- Permanently attached tool belt
- Notched pass-thru chest buckles with tongue-buckle leg and waist straps
- 6-points of adjustment

Mfr	Part #	Size
Guardian	01140	M-L
	01145	XL



Monster™ Edge Vest Style Harness

- For work in highly abrasive and rough environments
- Back pouch for Hydrapak
- Monster™ Harness webbing
- Ultra comfortable padding
- Sure-grip rollers for adjustments

Mfr	Part #	Size
Guardian	193190	S
	193191	M-XL
	193192	2XL



Velocity Economy Harness

- Dual lanyard keepers
- Finished webbing ends
- Webbing wear indicator
- Pass-thru chest
- 3 D-rings

Mfr	Part #	Description	Size
Guardian	01702	Pass thru legs	S-L
	01705	Tongue buckle legs	S-L
	01706	Tongue buckle legs	XL-2XL

Designed and tested to comply with applicable OSHA and ANSI standards for fall protection



Cyclone Harness

- Fall arrest, work positioning, rescue, and rope applications
- 'X' Back
- Tongue buckle leg straps and side D-rings
- Easy adjustment combination buckles

Mfr	Part #	Size
Guardian	21041	S
	21042	M-L
	21043	XL
	21044	XXL

Guardian harnesses are designed to comply with applicable OSHA and ANSI standards for fall protection equipment

Harnesses (cont.)



TechnaCurv Full Body Harness

- Vest style with shoulder and sub-pelvic padding
- Qwik-Fit connector at chest and secure fit connectors on the legs
- Downward adjusting torso straps to ease adjustment
- 4 D-rings at back, chest, and hips

Mfr	Part #	Size
MSA	10041615	S - L

Meets ANSI Z359.1, ANSI A10.32, all applicable OSHA regulations, & certified to CSA Z259.10



TechnaCurv Tower Harness

- Pullover style with shoulder and sub-pelvic padding
- Secure-Fit connectors on legs
- Integral body belt and removable saddle
- Body belt and saddle both include two side D-rings
- Saddle height is adjustable

Mfr	Part #	Size
MSA	10048344	S - L

Meets ANSI Z359.1, ANSI A10.32, all applicable OSHA regulations, & certified to CSA Z259.10



Workman Construction Harness

- Qwik-Fit chest strap with tongue buckles on legs
- D-rings on hips and back
- Lightweight components and durable webbing
- Integral back pad, tool belt, and shoulder pads

Mfr	Part #	Size
MSA	10077571	S - L

Meets OSHA 1910.66, OSHA 1926.502, ANSI A10.32, OSHA Z359.1-2007, CSA: Z259.10-M90, Classes A and P



Navaho® Bod Work Positioning and Fall Arrest Harness

- Waist belt and shoulder straps with self-locking Double-Back buckles
- Lined waist belt, leg loops, and shoulder straps
- 5 attachment points

Mfr	Part #	Description
-----	--------	-------------

	C71000	With Self-locking Double-Back Buckles on Leg Loops
	C710FN	With FAST Buckles on Leg Loops, Black
Petzl	C710FO-1B	Certified to North American and European Standards
	C710FO-2B	Certified to North American and European Standards, Black

Certifications: ANSI Z359.1; CE EN 361; CE EN 358; CE EN 813, NFPA 1983 Class III; CSA Z259.10



Navaho® Bod Croll Fast Rope Access and Fall Arrest Harness

- Integrated CROLL ventral rope clamp for ascending ropes
- Waist belt and shoulder straps with self-locking Double-Back buckles
- Leg loops equipped with FAST automatic buckles for quick and easy opening and closing without need to readjust

Mfr	Part #
Petzl	C71CF0

Certifications: ANSI Z359.1; CE EN 361; CE EN 358; CE EN 813; CE EN 12841 Type B; CSA Z259.10



Podium Seat Harness Accessory

- Podium seat for prolonged suspension
- Wide, comfortable sitting position offers excellent stability
- Rigid sides prevent the webbing straps from cutting into thighs
- Adjustable straps with self-locking Double-Back buckles
- 3 equipment loops

Mfr	Part #
Petzl	S70



Falcon Lightweight Rescue Seat Harness

- Lined waistbelt and leg loops
- Ventral attachment point for even weight distribution
- 2 lateral attachment points
- Waistbelt and leg loops equipped with two self-locking Double-Back buckles
- 4 equipment loops

Mfr	Part #
Petzl	C38AAN

Certifications: CE EN 813, CE EN 358



Workseat Harness Accessory

- Closed cell foam padding for comfort
- Adjustable buckles under load
- 2 gear loops for tools and accessories

Mfr	Part #
PMI	HD26188

[More Harnesses >>>](#)

Fall Protection

Harnesses (cont.)



Zero G Harness

- Fire Rescue, Rope Access
- Excellent lumbar support
- Perfect for every type of work at height
- Equipped with side D-rings, and front and rear fall arrest attachment

Mfr	Part #
PMI	SG51198

Certified ANSI Z359.1, EN 361, EN 813, EN 358



Nexus Fall Arrest Harness

- Suitable for work at height
- Sternal ring and dorsal ring provide 2 attachment points
- Dual adjustment at shoulder and hip
- High tenacity webbing

Mfr	Part #
PMI	SG51201

Certified EN 361



Contour Rescue Harness

- Front, waist, and sternum attachment points
- Fully adjustable rear leg risers and chest harness
- Fit 31" to 52" waists
- Ergonomic padding with non-removable chest harness

Mfr	Part #	Size
PMI	SG51155	Universal

Certified NFPA 1983, Class III



Avatar Rescue Harness

- Attachment points at dorsal, sternal, waist, hip, shoulder, and lumbar
- Fits 30" to 55" waists
- Fully adjustable rear leg risers and chest harness
- Ergonomic padding and interchangeable, removable chest harness

Mfr	Part #	Size
PMI	SG51036	Standard
	SG51042	L - XL

Certified NFPA 1983 Class III



Phoenix Confined Space Harness

- Captive dorsal attachment can be mounted high on the back
- Integral lightweight jacket
- Multi-directional front screw link attachment

Mfr	Part #
PMI	SG51196

Certified ANSI Z359.1, EN 361, EN 1497



CS Tech Confined Space Harness

- Separating buckles on leg loops and shoulder strap
- Attachment points at dorsal, sternal, waist, and shoulder
- Adjustable dorsal and shoulder rings
- Quick-adjusting low profile buckles on waist

Mfr	Part #
PMI	SG51156

Certified NFPA 1983, Class III, ANSI Z359.1



Versalift Harness-Single D-Ring

- 7-point adjustment
- Adjustable back D-ring and chest strap
- Lanyard retaining clips on both shoulder straps
- Single D-ring & fall indicators
- Accommodates tool belt up to 4" wide

Mfr	Part #	Size
Tractel	A732	Universal Size
	A732XL	XL

Meets ANSI Z359.1-2007, A10.32-2004, and applicable OSHA regulations



Versafit Harness-Sternum D-Ring

- Tongue and Buckle legs
- Back D-ring, belt, shoulder pads
- Side-positioning D-rings
- Frontal attachment D-rings
- Upper sternum D-ring

Mfr	Part #	Size
Tractel	FBB11S/J	S
	FBB11M/J	M
	FBB11L/J	L
	FBB11XL/J	XL

Meets ANSI Z359.1-2007, A10.32-2004, and applicable OSHA regulations

Harnesses (cont.)



Versafit Harness-Frontal Attachment

- Tongue and Buckle legs
- Back D-ring
- Side-positioning D-rings
- Frontal attachment D-rings
- Shoulder pads
- One size fits most

Mfr	Part #	Size
Tractel	AB712/J	Universal

Meets ANSI Z359.1-2007, A10.32-2004, and applicable OSHA regulations



TowerPro Harness

- Padded back support belt with side D-rings
- Removable tool belt accommodates pouches
- Tongue and buckle legs
- Back D-ring and detachable rigid Pro-Seat saddle

Mfr	Part #	Size
Tractel	FBBL	L
	FBBLM	M
	FBBLS	S
	FBBLXL	XL

Meets ANSI Z359.1-2007, A10.32-2004, and applicable OSHA regulations



TracX Harness

- TracX pad
- Side-positioning D-rings
- Back D-ring
- Leg pads included

Mfr	Part #	Size
Tractel	AT742/XT	M-L
	AB742/XT	M-L

Meets ANSI Z359.1-2007, A10.32-2004, and applicable OSHA regulations



TracX Harness

- Auto-lock buckles, TracX pad
- Padded back support belt with side D-rings
- Removable tool belt accommodates pouches
- Back D-ring & leg pads included

Mfr	Part #	Size
Tractel	EBT95S/XT	S
	EBT95M/XT	M
	EBT95L/XT	L
	EBT95XL/XT	XL

Meets ANSI Z359.1-2007, A10.32-2004, and applicable OSHA regulations



Harness D-Ring Extender

- Compatible with all Fallstop® Tractel harnesses
- Easy pass-through design
- 24" Extension

Mfr	Part #
Tractel	XW112R1



RescuePro Harness

- Rope access harness
- Fixed D-ring at back and fall indicator
- Padded waist and legs
- 5 aluminum D-rings
- Built-in rope clamp (removable)
- Easy lock buckles

Mfr	Part #	Size
SKYLOTEC	G-1081-AL-SM	XS - M
	G-1081-AL-LXL	L - XL

Meets ANSI Z359.3, ANSI Z359.1, and CSA Z259.10



Rescue Harness

- Rope access harness
- 5 steel D-rings with semi-fixed D-rings at waist
- 4 gear loops at waist; 1 gear loop on each leg
- Fall indicator

Mfr	Part #	Size
SKYLOTEC	G-1081-SM	XS - M
	G-1081-LXL	L - XL

Meets ANSI Z359.3, ANSI Z359.1, and CSA Z259.10



TowerTec Tower Harness

- 6 steel D-rings with semi-fixed steel D-rings at hips
- Comfort in tower climbing
- Removable tool belt
- Removable bar in seat
- Aluminum click-buckles at leg loops

Mfr	Part #	Size
SKYLOTEC	G-1082-SM	XS - M
	G-1082-LXL	L - XL

Meets ANSI Z359.3, ANSI Z359.1, and CSA Z259.10

[More Harnesses >>>](#)

Harnesses (cont.)



TowerPro AL Tower Harness

- 6 aluminum D-rings at back, hips, saddle, and chest
- 8 points of comfort adjustments
- Padded shoulders, waist, and legs
- Removable padded saddle with aluminum bar
- Aluminum click buckle connections at chest and each leg strap
- Removable tool belt and accessory rings



Formotion Wind Harness

- 4 D-rings at back, chest, and hips
- Flexible lateral connection ring
- Adjustable harness strap
- Adjustable back D-ring height
- Back PVC protection cover for climbing in wind power plants with one's back to the tower

Mfr	Part #	Description	Size
SKYLOTEC	G-1080-AL-1	with Aluminum D-Rings	S-M
	G-1080-AL-2	with Aluminum D-Rings	L-2XL
	G-1080-1	with Steel D-Rings	S-M
	G-1080-2	with Steel D-Rings	L-2XL

Meets ANSI Z359.3, ANSI Z359.1, CSA Z259.10, and EN 358:1999

Mfr	Part #	Size
SKYLOTEC	G-0051-W-M/L	M - L
	G-0051-W-L/XXL	L - 2XL

Meets ANSI Z359.3, ANSI Z359.1, CSA Z259.10, EN 358:2000 and EN 361:2002

Shock-Absorbing Lanyards: Single-Leg



Lanyard not included

WeldTech Lanyard Slag Shield

- Suede leather outer shell with polyester lining
- Fits 6' single-leg lanyard
- Protects lanyard webbing from burns caused by welding spatter

Mfr	Part #
FallTech	5075C



Arc Flash Single-Leg Shock-Absorbing Lanyard

- 6' Lanyard
- 1 Loop and 1 rebar hook
- Kevlar® and Nomex® web

Mfr	Part #
FallTech	82423L

Meets ASTM F887 requirements



WeldTech Single-Leg Shock-Absorbing Web Lanyard

- 6' Lanyard
- 1 Snaphook and 1 rebar hook
- Nomex® jacket

Mfr	Part #
FallTech	82433

Meets or exceeds OSHA 1926.502 regulations and ANSI Z359.3-2007 standards

Shock-Absorbing Lanyards: Single-Leg (cont.)



Buckyard Stretch Single-Leg Shock-Absorbing Lanyard

- 6' Lanyard
- Contracts to 4-1/2'
- Locking snaphooks on both ends
- Elastic bungee cord
- 3,600 lb gate

Mfr	Part #
Buckingham	8VV716+Z
Meets ANSI Z359.13-2009 and applicable OSHA standards	



Buckyard Single-Leg Shock-Absorbing Lanyard

- 6' Lanyard
- Contracts to 4-1/2'
- Locking snaphook on anchor end
- A loop to half hitch to the web dorsal attachment

Mfr	Part #
Buckingham	84V716+Z
Meets ANSI Z359.13-2009 and applicable OSHA standards	



Buck Stop Tie-Back Single-Leg Shock-Absorbing Lanyard

- 6' Lanyard
- Specially designed snaphook "ties back" to itself
- 1" wide polyester with red warning center to warn of excessive wear

Mfr	Part #
Buckingham	5V+T7A16X6
Meets ANSI Z359.13-2009	



Shockwave2™ Single Leg Shock-Absorbing Lanyard

- 6' Lanyard
- Contracts to 4-1/2'
- Self-locking snaphooks on both ends
- Impact indicator

Mfr	Part #
DBI Sala	1244306
Meets or exceeds OSHA, ANSI and ANSI Z359	



ShockWave2™ Single-Leg Shock-Absorbing Lanyard

- 6' Lanyard
- 3" gated Saflok Max™ hook at one end, snaphook on other end
- Tubular web

Mfr	Part #
DBI Sala	1244360
Meets OSHA, ANSI Z359.1	



Shockwave2™ Single Leg Tie-Back Lanyard

- 6' Lanyard
- Contracts to 4-1/2'
- 5,000 lb carabiner capacity
- Impact indicator

Mfr	Part #
DBI Sala	1244650
Meets ANSI Z359.1 2007 and OSHA 1926	



EZ Stop® II Single-Leg Shock-Absorbing Lanyard

- 6' Lanyard
- Self-locking snaphooks on both ends
- 1" wide polyester webbing

Mfr	Part #
DBI Sala	1240006
Meets OSHA, ANSI and ANSI Z359	



EZ Stop® II Single-Leg Shock-Absorbing Lanyard

- 6' Lanyard
- Snaphook on one end, aluminum hook with 2-1/4" gate opening on other end
- 1" wide web

Mfr	Part #
DBI Sala	1240077
Meets OSHA, ANSI, and ANSI Z359	



NoPac® Single-Leg Energy-Absorbing Web Lanyard

- 6' Lanyard
- Zsnaphook on both ends (3.6M Gate)
- 1-1/4" wide polyester web

Mfr	Part #
Elk River	35216
Meets ANSI Z359.1-2007	



NoPac® Single-Leg Energy-Absorbing Web Lanyard

- 6' Lanyard
- Zsnaphook on one end (3.6M Gate), rebar hook on other end
- 1-1/4" wide polyester web

Mfr	Part #
Elk River	35378
Meets ANSI Z359.1-2007	

More Single-Leg Shock-Absorbing Lanyards >>>

Shock-Absorbing Lanyards: Single-Leg (cont.)



Flex-NoPac® Single-Leg Energy-Absorbing Web Lanyard

- 6' Lanyard
- Contracts to 4-1/2'
- Zsnaphook on one end (3.6M Gate), rebar hook on other end
- 1-1/2" wide polyesterweb

Mfr	Part #
Elk River	35477

Meets ANSI Z359.1-2007



ZORBER® Single-Leg Energy-Absorbing Web Lanyard

- 6' Lanyard
- Snaphook on both ends (3.6M Gate)
- 1" wide nylon web

Mfr	Part #
Elk River	36266

Meets or exceeds ANSI A10.32-2004 and CSA Z259.11-05



CenturionZ™ ZORBER® Single-Leg Energy-Absorbing Web Lanyard

- 6' Lanyard
- Zsnaphook on ZORBER end (3.6M Gate), rebar hook on other end
- 1" wide nylon web

Mfr	Part #
Elk River	36356

Meets ANSI Z359.1-2007



Flex-ZORBER® Single-Leg Energy-Absorbing Web Lanyard

- 6' Lanyard
- Contracts to 4-1/2'
- Zsnaphook on one end (3.6M Gate), rebar hook on other end
- 1-1/2" wide nylon web

Mfr	Part #
Elk River	36887

Meets ANSI Z359.1-2007



Internal Shock Lanyard

- 6' Lanyard
- Heavy duty outer polyester webbing and core
- Two options available

Mfr	Part #	Description
Guardian	11200	with Snaphooks
	11201	with Rebar Hook

Meets or exceeds all applicable OSHA and ANSI standards



Sure-Stop® Single-Leg Shock-Absorbing Web Lanyard

- 3' Lanyard
- Nylon material
- Harness connection LS
- Clear shock-absorber cover protects labels
- Anchorage connection LS

Mfr	Part #
MSA	SWL4068703LS

Meets ANSI Z359.1 and applicable OSHA and CSA regulations



Tensor Single-Leg Shock-Absorbing Lanyard

- Integral, automatically deployed foot loop
- Sewn terminations
- 25 kN scaffold hook end

Mfr	Part #
PMI	SG51233

Certified ANSI Z359.1, 2007, EN 354, EN 355, EN 362



First™ Stretch Single-Leg Shock-Absorbing Lanyard

- 6' Stretch Tubular Lanyard
- Contracts to 4-1/2'
- Snaphooks on ends
- Impact indicator

Mfr	Part #
Protecta	AE57800

Meets ANSI Z359.1, 2007



First™ Stretch Single-Leg Shock-Absorbing Lanyard

- 6' Stretch Tubular Lanyard
- Contracts to 4-1/2'
- Snaphook at center
- Flat steel rebar with 2-1/4" gate hook on long ends
- Impact indicator

Mfr	Part #
Protecta	AE57801

Meets ANSI Z359.1, 2007



Tracpac Lightweight Shock-Absorbing Lanyard

- 6' x 1" absorbing lanyard
- 3/4" self-locking snaphook at both ends

Mfr	Part #
Tractel	C1106Z

Meets ANSI Z359.1-2007, A10.32-2004, applicable OSHA regulations, and CSA Z259.11-05 Class E4

Shock-Absorbing Lanyards: Twin-Leg



F2-Stretchfor Shock-Absorbing Lanyards

- Allows tie off at feet when overhead anchor is not available
- Stretchable from 4-1/2' to 6'

Mfr	Part #	Description
Tractel	C5Y06Z	3/4" snaphook
	C5Y06H	2-1/4" snaphook

Mets ANSI Z359.1-2007, A10.32-2004, applicable OSHA regulations, and CSA Z259.11-05 Class E4



F2-Stretchfor Rescue Shock-Absorbing Lanyards

- Allows tie off at feet when overhead anchor is not available
- With rescue ring
- Stretchable from 4-1/2' to 6'

Mfr	Part #	Description
Tractel	C5Y06Z/R	3/4" snaphook
	C5Y06H/R	2-1/4" snaphook

Mets ANSI Z359.1-2007, A10.32-2004, applicable OSHA regulations, and CSA Z259.11-05 Class E4



SafeAbsorb XTRA Twin-Leg Shock-Absorbing Lanyard

- 6' Lanyard
- Rebar hook on both ends
- Snaphook at center
- 310 lbs rated

Mfr	Part #
3M	4750/0241

Meets ANSI Z359.1-2009



Dual Buck-Stop Twin-Leg Shock-Absorbing Lanyard

- 6' Lanyard
- Locking ladder snaps with 2-1/2" opening on both ends
- Swivel locking rope snap at center
- Elastic core reduces length while climbing

Mfr	Part #
Buckingham	5V6716RD+4X6+Z

Meets ANSI Z359.1-2009



Buckyard Twin-Leg Shock-Absorbing Lanyard

- 6' Lanyard
- Contracts to 4-1/2'
- Locking snaphook on anchor end
- A loop to half hitch to the web dorsal attachment

Mfr	Part #
Buckingham	8V6716D+JW4+Z

Meets ANSI Z359.1-2009



Buck Stop Tie-Back Twin-Leg Shock-Absorbing Lanyard

- 6' Lanyard
- Large auto-locking carabiners on both ends
- Aluminum double-locking rope snap at center

Mfr	Part #	Description
Buckingham	8+66716	Not ANSI
	D+J+6W4	Compliant
Buckingham	8+667Q5	ANSI Compliant

8+667Q5 meets ANSI Standards



ShockWave2™ Twin-Leg Shock-Absorbing Lanyard

- 6' Lanyard
- Contracts to 4-1/2'
- Self-locking snaphook at center
- Aluminum hooks with 2-1/4" opening on both ends
- 100% Tie-off style

Mfr	Part #
DBI Sala	1244409

Meets OSHA, ANSI Z359.1



Force2™ 100% Tie-off Web Twin-Leg Lanyard for Wind Energy

- 6' Lanyard
- Perfect for tying off at your feet on top of a nacelle
- 3" gated Saflok Max™ steel hooks on both ends
- Elastic webbing

Mfr	Part #
DBI Sala	1245208

Recognized by OSHA for a 12' free fall by an individual up to 310 lbs



Force2™ 100% Tie-off Rope Twin-Leg Lanyard for Wind Energy

- 6' Lanyard
- Perfect for tying off at your feet on top of a nacelle
- 3" gated Saflok Max™ steel hooks on both ends
- Elastic webbing

Mfr	Part #
DBI Sala	1242526

Recognized by OSHA for a 12' free fall by an individual up to 310 lbs



Big Boss Extended Fall Lanyards

- Up to a 12' free fall
- 1" nylon webbing
- Clear shock absorber pack
- Standard with 3,600 lb. steel rebar or standard steel hook
- 310 lb. capacity for 12' free fall, 420 lb. for 6'

Mfr	Part #	Hook
Guardian	21300	Steel
	21301	Rebar

Complies with ANSI .13 standard

[More Twin-Leg Shock-Absorbing Lanyards >>>](#)

Shock-Absorbing Lanyards: Twin-Leg (cont.)



Force2™ 100% Tie-off Rescue Twin-Leg Lanyard for Wind Energy

- 6' Lanyard
- Rescue D-rings
- 3" gated Saflok Max™ steel hooks on both ends
- Elastic webbing

Mfr	Part #
DBI Sala	1242551

Recognized by OSHA for a 12' free fall by an individual up to 310 lbs



NoPac® Twin-Leg Energy-Absorbing Web Lanyard

- 6' Lanyard
- Zsnaphooks at center and on both ends
- 1-1/4" polyester web

Mfr	Part #
Elk River	35246

Meets ANSI Z359.1-2007



Flex No-Pac® Twin-Leg Energy-Absorbing Web Lanyard

- 6' Lanyard
- Contracts to 4-1/2'
- Zsnaphook at center and rebar hook on both ends (3.6M Gate)
- 1-1/2" polyester web

Mfr	Part #
Elk River	35478

Meets ANSI Z359.1-2007



NoPac® Twin-Leg Energy-Absorbing Web Lanyard

- 6' Lanyard
- Zsnaphook and rebar hook (3.6M Gate)
- 1-1/4" polyester web

Mfr	Part #
Elk River	35379

Meets or exceeds ANSI A10.32-2004, ANSI Z359.1-2007, and CSA Z259.11-05



FLEX-NoPac Energy-Absorbing Lanyard

- 1-1/2" x 6'
- Stretches 4.5' to 6'
- Aluminum Captive Eye Carabiner, 3/4" Gate Opening
- Large Aluminum Carabiner on each leg, 2" Gate Opening
- Made of Polyester
- 3600 lb. (3.6M) Gates

Mfr	Part #
Elk River	35716

Meets ANSI Z359.1-2007



TX-12 Flex-NoPac® Twin-Leg Energy-Absorbing Web Lanyard

- 6' Lanyard
- Contracts to 4-1/2'
- CenturionZ snap-hook at center & rebar hook on both ends (3.6M Gate)
- Rescue rings
- Steel connectors
- 1-1/2" nylon and polyester web

Mfr	Part #
Elk River	35679

Meets ANSI Z359.1



ZORBER® Twin-Leg Energy-Absorbing Web Lanyard

- 6' Lanyard
- Snaphook at center and on both ends
- 1" nylon web

Mfr	Part #
Elk River	36267

Meets ANSI Z359.1-2007



Centurion™ ZORBER® Twin-Leg Energy-Absorbing Web Lanyard

- 6' Lanyard
- Zsnaphook at center & rebar hook on both ends (3.6M Gate)
- 1" nylon web

Mfr	Part #
Elk River	36357

Meets ANSI Z359.1-2007



Flex-ZORBER® Twin-Leg Energy-Absorbing Web Lanyard

- 1-1/2" x 6'
- Stretches 4.5' to 6'
- Zsnaphook, 3/4" Gate Opening
- Zrebar hook on each leg, 2-1/4" Gate Opening
- Made of Nylon and Polyester
- 3600 lb. (3.6M) Gate

Mfr	Part #
Elk River	36897

Meets ANSI Z359.1-2007



FLEX-ZORBER Energy-Absorbing Lanyard

- 1-1/2" x 6' x 2"
- Stretches 4.5' to 6'
- Zsnaphook, 3/4" Gate Opening
- Large Aluminum Carabiner on each leg, 2" Gate Opening
- Made of Nylon and Polyester
- 3600 lb. (3.6M) Gates

Mfr	Part #
Elk River	36806

Meets ANSI Z359.1-2007

Shock-Absorbing Lanyards: Twin-Leg (cont.)



Flex-ZORBER® Tie-Back Twin-Leg Energy-Absorbing Web Lanyard

- 6' Lanyard
- Zsnaphooks at center & on both ends (3.6M Gate)
- Sliding D-ring
- 1" nylon and polyester web

Mfr	Part #
Elk River	36941
Meets ANSI Z359.1-2007	



FLEX-ZORBER Energy-Absorbing Lanyard

- 1-1/2" x 6'
- Zsnaphook, 3/4" Gate opening
- Zrebar hook on each leg, 2-1/2" Gate opening
- Made of Nylon and Polyester
- 3600 lb. (3.6M) Gate

Mfr	Part #
Elk River	36967
Meets CSA E4 Standard	



FLEX-NoPac Energy-Absorbing Lanyard

- 1-1/2" x 6'
- Stretches 4.5' to 6'
- Zsnaphook, 3/4" Gate Opening
- Large carabiners on each leg, 2" Gate opening
- Made of Polyester
- 3600 lb. (3.6M) Gates

Mfr	Part #
Elk River	35406
Meets ANSI Z359	



FLEX-NoPac Energy-Absorbing Lanyard

- 1-1/2" x 6'
- Stretches 4.5' to 6'
- Zsnaphook, 3/4" Gate Opening
- Large Aluminum Carabiner on each leg, 2" Gate opening
- Made of Polyester
- 3600 lb. (3.6M) Gates

Mfr	Part #
Elk River	35416
Meets ANSI Z359	



FLEX-NoPac Energy-Absorbing Lanyard TL

- 1-1/2" x 6'
- Zsnaphook connector, 3/4" gate opening
- Aluminum Zrebar hook on each leg
- Made of polyester and nylon webbing
- All hooks have 3600 lb. (3.6M) Gates

Mfr	Part #
Elk River	35488
Meets ANSI Z359.1-2007, ANSI A10.32-2004, CSA Z259.11-05	



Internal Shock Lanyard

- 6' Lanyard
- Heavy duty outer polyester webbing and core
- Lightweight

Mfr	Part #	Description
Guardian	11202	with Snaphooks
	11203	with Rebar Hook

Meets or exceeds all applicable OSHA and ANSI standards.



Big Boss Extended Fall Lanyards

- Up to a 12' free fall
- 1" nylon webbing
- Clear shock absorber pack
- Standard with 3,600 lb. steel rebar or standard steel hook
- 310 lb. capacity for 12' free fall, 420 lb. for 6'

Mfr	Part #	Description
Guardian	21302	with Steel Hook
	21303	with Rebar Hook

Complies with ANSI .13 standard



Diamond™ Twin-Leg Shock-Absorbing Lanyard

- 6' Lanyard
- Contracts to 4-1/2'
- Snaphook in center and at each end
- Polyester sheath

Mfr	Part #
MSA	10088072
Meets ANSI Z359.13, CSA Certified	



Workman® Twin-Leg Energy-Absorbing Lanyard

- Snaphook at center and both ends
- Lightweight with low profile body

Mfr	Part #
MSA	10073708
Meets ANSI Z359.13, ANSI A10.32, Applicable OSHA regulations, Certified to CSA Z259.11-05 E4	



Workman® Twin-Leg Energy-Absorbing Lanyard

- Snaphook at center and rebar hooks on both ends
- Lightweight with low profile body

Mfr	Part #
MSA	10072475
Meets ANSI Z359.13, ANSI A10.32, Applicable OSHA regulations, Certified to CSA Z259.11-05 E4	

More Twin-Leg Shock-Absorbing Lanyards >>>

Shock-Absorbing Lanyards: Twin-Leg (cont.)



- FP5K™ Tie-Back Twin-Leg Shock Absorbing Lanyard**
- 6' Length
 - Adjustable
 - Snap hook at center, FP5K carabiner on both ends
 - Monster-Edge™ webbing

Mfr	Part #
MSA	10047085

Meets OSHA regulations, ANSI 10.32, ANSI Z359.1



- Tensor Twin-Leg Energy-Absorbing Lanyard**
- 1.5 m
 - Sewn terminations
 - 25 kN scaffold hook ends
 - Snaphook for secure harness attachment
 - Safety Step Energy Absorber

Mfr	Part #	Length
PMI	SG51234	1.25 m
	SG51235	1.5 m

Certified ANSI Z359.1, 2007, EN 354, EN 355, EN 362



- FIRST™ Stretch Twin-Leg Shock-Absorbing Lanyard**
- 6' Stretch tubular lanyard
 - 100% Tie-off
 - Standard snaphooks at each end

Mfr	Part #
Protecta	AE57830

Meets ANSI Z359.1, 2007



- FIRST™ Stretch Twin-Leg Shock-Absorbing Lanyard**
- 6' Stretch Tubular Lanyard
 - Contracts to 4-1/2'
 - 100% Tie-off
 - Flat steel rebar hook with 2-1/2" gated hook on leg ends
 - Standard snaphook at center

Mfr	Part #
Protecta	AE57831

Meets ANSI Z359.1, 2007



- Shockyard™ Flex Twin-Leg Energy-Absorbing Lanyard with Steel Pelican Hooks**
- 6' lanyard-elastic flexes from 4' to 6'
 - Integrated rescue loops each leg
 - 6' and 12' free fall rated energy absorber
 - Label protector
 - 2-1/4" gate steel pelican snaphooks & captive-eye carabiner at harness
 - ANSI 3.6M (16kN) gates

Mfr	Part #
SKYLOTEC	L-0437-1.8

Meets ANSI Z359.13; CSA Z259.11; and EN 354; EN 355



- Shockyard™ Flex Twin-Leg Energy-Absorbing Lanyard with Aluminum Carabiners**
- 6' lanyard-elastic flexes from 4' to 6'
 - Integrated rescue loops each leg
 - 6' and 12' free fall rated energy absorber
 - Label protector
 - 2" gate aluminum carabiners & captive-eye carabiner at harness
 - ANSI 3.6M (16kN) gates

Mfr	Part #
SKYLOTEC	L-0511-1.8

ANSI Z359.13-2009; and CSA Z259.11



- Shockyard™ Flex Twin-Leg Energy Absorbing Lanyard with Pelican Hooks**
- 6' lanyard-elastic flexes from 4' to 6'
 - Integrated rescue loops each leg
 - 6' & 12' free fall rated energy absorber
 - 2-1/2" gate aluminum pelican snaphooks and captive-eye carabiner
 - ANSI 3.6M (16kN) gates

Mfr	Part #
SKYLOTEC	L-0517-1.8

EN 354, EN 355, ANSI Z359.13, and CSA Z259.11



- Tracpac Lightweight Shock-Absorbing Lanyard**
- 6' x 1" Lightweight, twin-leg lanyard
 - Two arms with 3/4" snap at shock pack and 2 1/4" SL snaphook at each arm

Mfr	Part #
Tractel	C1126H

Meets ANSI Z359.1-2007, A10.32-2004, applicable OSHA regulations, and CSA Z259.11-05 Class E4



- Tracpac High-Abrasion Shock-Absorbing Lanyard**
- 6' x 1" High-abrasion web lanyard
 - Two arms, 3/4" snap at shock pack and 5,000 lbs. (22.2kN) all direction carabiner at each arm

Mfr	Part #
Tractel	C126C

Meets ANSI Z359.1-2007, A10.32-2004, applicable OSHA regulations, and CSA Z259.11-05 Class E4



- F2-Stretchfor Rescue Shock-Absorbing Lanyards**
- Allows tie off at feet when overhead anchor is not available
 - With rescue ring
 - Stretchable from 4-1/2' to 6'

Mfr	Part #	Description
Tractel	C5Y26Z/R	3/4" snaphook
	C5Y26H/R	2-1/4" snaphook

Meets ANSI Z359.1-2007, A10.32-2004, applicable OSHA regulations, and CSA Z259.11-05 Class E4

Shock-Absorbing Lanyards: Twin-Leg (cont.)



Stretchfor Rescue Shock-Absorbing Lanyards

- 4' to 6' Stretchable lanyard
- 3/4" DL snaphooks
- With rescue ring

Mfr	Part #	Des.
Tractel	C526Z/R	3/4" snaphook
	C526H/R	2-1/4" snaphook

Meets ANSI Z359.1-2007, A10.32-2004, applicable OSHA regulations, and CSA Z259.11-05 Class E4



ViewPack Twin-Leg Shock-Absorbing Lanyard

- 6' Lanyard
- 1 Aluminum snaphook and 2 aluminum rebar hooks
- 100% Tie-off

Mfr	Part #
FallTech	826073A

Meets or exceeds OSHA 1926.502 regulations and ANSI Z359.3-2007 standards



ViewPack Twin-Leg Shock-Absorbing Lanyard

- 6' Lanyard
- 100% Tie-off
- 1 Aluminum snaphook and 2 aluminum rebar hooks
- 2 Tie-back D-rings

Mfr	Part #
FallTech	826073A2D

Meets or exceeds OSHA 1926.502 regulations and ANSI Z359.3-2007 standards



ElasTech Twin-Leg Shock-Absorbing Lanyard

- 4-1/2' to 6' Lanyard
- Adjustable Y-leg for 100% tie-off
- 1 Aluminum snaphook and 2 aluminum rebar hooks

Mfr	Part #
FallTech	8240Y3A

Meets or exceeds OSHA 1926.502 regulations and ANSI Z359.3-2007 standards



ElasTech Twin-Leg Shock-Absorbing Lanyard

- 4-1/2' to 6' Lanyard
- Adjustable Y-leg for 100% tie-off
- 1 Aluminum snaphook and 2 aluminum rebar hooks
- 2 Steel Rescue D-rings

Mfr	Part #
FallTech	8240Y3A2R

Meets or exceeds OSHA 1926.502 regulations and ANSI Z359.3-2007 standards



ArcFlash Twin-Leg Shock-Absorbing Lanyard with Soft Pack

- 6' Lanyard
- 100% Tie-off
- 1 Loop and 2 rebar hooks
- Kevlar® and Nomex® web

Mfr	Part #
FallTech	8242Y3L

Meets ASTM F887 Requirements



WeldTech Twin-Leg Shock-Absorbing Lanyard

- 6' Lanyard
- 1 Snaphook and 2 rebar hooks
- Nomex® jacket
- 100% Tie-off

Mfr	Part #
FallTech	8243Y3

Meets or exceeds OSHA 1926.502 regulations and ANSI Z359.3-2007 standards

Positioning Lanyards - Rope



Nylon Rope Positioning Lanyard

- Different lengths available
- 1/2" diameter with locking snaps

Mfr	Part #	Length
3M	3110	3'
	3112	6'

Meets ANSI Z359.1



Lightweight Adjustable Positioning Lanyard

- 6' Lanyard
- Buckgrab (5004B) makes adjusting length easy
- Attachment eye helps ensure it is positioned correctly
- Double-locking aluminum snaphook
- Red core in rope alerts of excessive wear

Mfr	Part #
Buckingham	9+N08K16

Meets all applicable OSHA standards. BuckGrab (5004B) can be purchased separately; see page 28.



Adjustable Web Lanyard with Patent Pending WebGrab

- 6' Lanyard
- Secondary web lanyard with patent pending Buck WebGrab for easy adjustment
- Easy adjustment of rope
- Great for climbing over obstructions

Mfr	Part #
Buckingham	48129W2Y-6

Meets ASTM F887-11 and applicable OSHA standards



Rope Restraint Lanyard

- Different lengths available (see below)
- 5/8" Premium polyester rope
- 2 Snaphooks and steel thimbles

Mfr	Part #	Length
FallTech	8153	3'
	8154	4'
	8156	6'

Meets or exceeds OSHA 1926.502 regulations and ANSI Z359.3-2007 standards



Rope Positioning Lanyard

- Different lengths available (see below)
- Easy to use self-locking snaphooks on both ends
- 1/2" nylon rope

Mfr	Part #	Length
DBI	1232314	3'
Sala	1232354	6'

Meets or exceeds applicable industry standards including OSHA and ANSI



Rope Positioning Lanyard with Flat Steel Hook at One End

- 6' Lanyard
- Easy to use self-locking snaphook on one end
- Flat steel hook with 2-1/2" gate opening at other end
- 1/2" nylon rope

Mfr	Part #
DBI Sala	1232528

Meets or exceeds applicable industry standards including OSHA and ANSI



CenturionZ™ Rope Positioning Lanyard

- Different lengths available (see below)
- Zsnaphooks on both ends (3.6M Gate)
- 1/2" rope

Mfr	Part #	Length
Elk River	28013	3'
	28014	4'
	28015	5'
	28016	6'

Meets ANSI Z359.1, 2007



Adjustable Positioning Lanyard

- 5/8" x 6'
- Nylon Rope Lanyard
- Zsnaphook, 3/4" Gate Opening
- Adjustable Rope Grab
- Carabiner included
- Made of Nylon
- 3600 lb. (3.6M) Gates

Mfr	Part #
Elk River	34406

Meets ANSI Z359.1, 2007

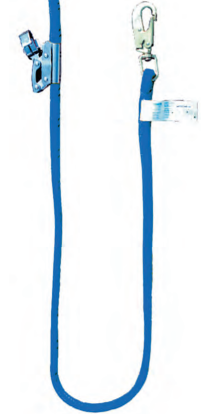


Adjustable Positioning Lanyard

- 5/8" x 6'
- Kernmantle Rope
- Captive Eye Carabiner, 3/4" Gate Opening
- ErgoGrip Adjuster
- Carabiner included
- Made of Polyester
- 3600 lb. (3.6M) Gates

Mfr	Part #
Elk River	34416

Meets ANSI Z359.1, 2007



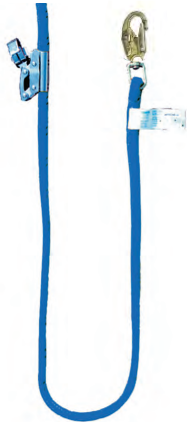
Sure-Grab™ Adjustable Positioning Lanyard

- 6' Lanyard
- Chrome locking swivel snaphook
- 5/8" blue rope

Mfr	Part #
MSA	SNYR537DH306
	Right-handed version
	SNYL537DH306
	Left-handed version

Meets applicable OSHA regulations and ANSI A10.32, Certified to CSA Z259.11-05

Positioning Lanyards - Rope



Sure-Grab™ Adjustable Positioning Lanyard

- 6' Lanyard
- Chrome locking swivel snaphook (3.6M Gate)
- 5/8" blue rope

Mfr	Part #
MSA	10105980

Meets ANSI Z359.1-2007



JANE Dynamic Rope Positioning Lanyard

- Different lengths available (see below)
- Non-adjustable
- Sewn ends protected by plastic sheath

Mfr	Part #	Length
Petzl	L50-60	0.6 m
	L50-100	1 m
	L50-150	1.5 m
	L50-200	2 m

Certification: CE EN 354



JANE Dynamic Rope Positioning Lanyard w/ Connector

- Different lengths available (see below)
- Non-adjustable
- MGO connector
- Sewn ends protected by plastic sheath

Mfr	Part #	Length
Petzl	L53-60	0.6 m
	L53-100	1 m
	L53-150	1.5 m

Certification: CE EN 354



GRILLON Adjustable Rope Positioning Lanyard

- Different lengths available (see below)
- Removable protective sheath protects rope

Mfr	Part #	Length
Petzl	L52A-002	2 m
	L52A-003	3 m
	L52A-005	5 m
	L52A-010	10 m
	L52A-015	15 m
L52A-020	20 m	

Certification: CE EN 795 B



GRILLON HOOK Adjustable Rope Positioning Lanyard

- Different lengths available (see below)
- Hook connector
- Removable protective sheath protects rope

Mfr	Part #	Length
Petzl	L52H-002	2 m
	L52H-003	3 m
	L52H-005	5 m

Certification: CE EN 358



GRILLON MGO Adjustable Rope Positioning Lanyard

- 3 m Lanyard
- MGO large opening connector
- Used in single mode

Mfr	Part #
Petzl	L52M-003

Certification: CE EN 358



Piranha Adjustable Positioning Lanyard

- 2 m Lanyard
- Adjustable
- Sewn terminations
- Stainless steel body & cam
- Available with safety hook for secure harness attachment

Mfr	Part #	Safety Hook
PMI	HD26179	Yes
	HD26178	No

Certified EN 358



ERGOGRIIP™ SK 16 Adjustable Positioning Lanyard with Steel Snaphook

- 6' x 5/8" kernmantle rope lanyard
- Slide adjuster for easy 1-hand adjustments
- 3/4" gate auto-locking steel snaphook
- 3/4" gate steel carabiner at adjuster
- ANSI 3.6M (16kN) gates

Mfr	Part #
SKYLOTEC	L-0499-1.8

Meets ANSI Z359.3-2007



ERGOGRIIP™ SK 16 Adjustable Lanyard with Aluminum Pelican Hook

- 6' x 5/8" kernmantle rope lanyard
- Slide adjuster for easy 1-hand adjustments
- 2-1/2" gate auto-locking aluminum pelican snaphook
- 3/4" gate steel carabiner at adjuster
- ANSI 3.6M (16kN) gates

Mfr	Part #
SKYLOTEC	L-0368-1.8

Meets EN 358, EN 353-2 and ANSI Z359.3-2007



ERGOGRIIP™ SK 16 Adjustable Positioning Lanyard with Steel Captive-Eye Carabiner

- 6' x 5/8" kernmantle rope lanyard
- Slide adjuster for easy 1-hand adjustments
- 3/4" gate twist-loc steel captive-eye carabiner
- 3/4" gate steel carabiner at adjuster
- ANSI 3.6M (16kN) gates

Mfr	Part #
SKYLOTEC	L-0358-1.8

Meets EN 353-2 and ANSI Z359.3-2007

Web-Positioning Lanyards >>>

Positioning Lanyards - Web



Adjustable Positioning Web Lanyard

- 6' Lanyard
- Adjustable length
- Easy to use locking snaphooks on both ends
- 1" polyester web

Mfr	Part #
Buckingham	7VV126

Meets ANSI and applicable OSHA standards



Adjustable Nylon Positioning Lanyard

- 6' Lanyard
- Friction buckle for easy adjustment
- Red warning center to alert of excessive wear
- Locking snaphook on both ends
- Nylon

Mfr	Part #
Buckingham	496099E

Meets ASTM F887-11 and applicable OSHA standards



Polyester Web Positioning Lanyard

- Different lengths available (see below)
- Easy to use self-locking snaphooks on both ends
- Built-in wear indicator
- 1" polyester webbing

Mfr	Part #	Length
DBI	1231102	2'
Sala	1231103	3'
	1231106	6'

Meets or exceeds applicable industry standards including OSHA and ANSI



Adjustable Polyester Web Positioning Lanyard

- 6' Lanyard
- Adjustable
- Easy to use self locking snaphooks on both ends
- Built-in wear indicator
- 1" polyester webbing

Mfr	Part #
DBI Sala	1231016

Meets or exceeds applicable industry standards including OSHA and ANSI



CenturionZ™ Web Positioning Lanyards

- Different lengths available (see below)
- Zsnaphook on both ends (3.6M Gate)
- 1" nylon web

Mfr	Part #	Length
Elk River	29023	3'
	29026	6'

Meets ANSI Z359.1-2007



Eagle® Series Web Positioning Lanyards

- Different lengths available (see below)
- CenturionZ Zsnaphook on both ends (3.6M Gate)
- 1" nylon web

Mfr	Part #	Length
Elk	63013	3'
River	63016	6'

Meets ANSI Z359.1-2007



Adjustable Positioning Lanyard

- 1" x 6'
- Adjusts from 3' to 6'
- Zsnaphooks each end, 3/4" Gate Opening
- Made of nylon
- 3600 lb. (3.6M) Gate

Mfr	Part #
Elk River	29506

Meets ANSI Z359.1-2007



Positioning and Restraint Lanyard

- Different lengths available (see below)
- Durable nylon

Mfr	Part #	Length
Guardian	01255	3'
	01265	6'

Guardian harnesses are designed to comply with applicable OSHA and ANSI standards for fall protection equipment



Adjustable Web Restraint Lanyard

- 6' Lanyard
- Snaphook on both ends
- 1" nylon web

Mfr	Part #
MSA	10089345

Meets applicable OSHA regulations, ANSI A10.32, and ANSI Z359.1-2007



Web Restraint Lanyard

- Snaphook on both ends
- Available in multiple lengths

Mfr	Part #	Length
FallTech	820324	2'
	8203	3'
	8204	4'
	8206	6'

Meets or exceeds OSHA 1926.502 regulations and ANSI Z359.3-2007 standards

Rebar Assemblies



Rebar Positioning Devices

- Lean away from walls while keeping hands free
- Must be accompanied by a harness with side positioning rings
- Free fall must be less than 2'
- All models are 24" in length

Mfr	Part #	Description
	01605	Standard Assembly
Guardian	01600	with Swivel Rebar Hook
	01609	with High Strength Snaphooks

Meets ANSI A10.32-2004



Tower Positioning Kit

- Swivel Zrebar hook, 2-1/4" gate opening
- Carabiner, Auto Twist-lock
- Separator Zsnaphooks, Auto-locking, 9-3/4" x 2-1/4" x 3/4" gate opening
- 3600 lb. (3.6M) Gate

Mfr	Part #
Elk River	13400

Meets ANSI Z359.1-2007, CSA Z259.12-01, CSA Class I Connector



Rebar Chain Assembly

- 25-1/2" with Adjustor, 2-1/4" gate opening
- Swivel Zrebar hook
- Zsnaphooks on each leg
- 3600 lb. (3.6M) Gate

Mfr	Part #
Elk River	13425

Meets ANSI A 10.32-2004, ANSI Z359.13-2009, CSA Z259.11-05



Rebar Web Assembly

- Zrebar hook, 2-1/2" gate opening
- 1" x 18" web, wearpad
- Zsnaphooks on each end
- 3600 lb. (3.6M) Gate
- Other lengths available

Mfr	Part #
Elk River	29741

Meets ANSI Z359.1-2007



Tower Positioning Device

- Swivel Zrebar hook, 2-1/4" gate opening
- 1" x 16" web
- Separator Zsnaphooks, Auto-locking, 3/4" gate opening
- 3600 lb. (3.6M) Gate
- Other lengths available

Mfr	Part #
Elk River	29701

Meets ANSI A10.32-2004, ANSI Z359.3-2007, and CSA Z259.11-05



Rebar Assembly

- Rebar chain assembly
- GL3100 snaphook with 2-1/4" gate

Mfr	Part #
MSA	10044811

Meets applicable OSHA regulations and ANSI A10.32



Tower Positioning Device

- Little D TRI Carabiner
- Rebar style snaphook with swivel
- Spreader Snaphook 3.6M/16kN

Mfr	Part #
SKYLOTEC	H-148+H-146 +H-154

Meets ANSI Z359.12 and ANSI Z359.3



Tower Positioning Assembly

- 16" Length
- Spreader hook with steel twist lock carabiner
- Swivel rebar hook with 2-1/2" gate opening

Mfr	Part #
FallTech	8458

Meets or exceeds OSHA 1926.502 regulations and ANSI Z359.3-2007 standards

Wood Pole Fall Protection System



SuperSqueeze Wood Pole Fall Restriction Device

- Easy 1-handed outer and inner strap adjustment with WebGrab
- Easy strap change out; can be configured to use on rope or web strap
- 1 Disconnect to climb over an obstruction
- Can be used by right or left-handed users
- All straps have red warning center
- 3,600 lb gate-rated hardware

Mfr	Part #	Description
Buckingham	488W2	For Distribution Poles: 36" Distribution Outer Strap, 48" Woven Inner Strap with Carabiners. For use climbing up to a Class 1 65' pole/50" circumference
	488TW2	For Transmission Poles: 52" Transmission Outer Strap, 78" Woven Inner Strap with Carabiners. For use climbing up to a Class H6 125' pole/90" circumference

Meets ASTM F887-11



BuckAdjuster

- Stitched 1/2" rope lanyard with snaphook
- Green and white jacket with red core
- Features 5004B Length Adjusting Device Buck grab that incorporates a 90° twist in the eye of CAM

Mfr	Part #
Buckingham	9-8

The BuckAdjuster is only one component/element of a positioning system outlined by ANSI Z359.3

BuckGrab Length Adjusting Device (LAD)

- Incorporates a 90° twist in the eye of the CAM eliminating the need for a locking twisted cleavis
- Secure closure provided by a nylock nut fitted with a split ring as an added precaution
- Ideal for work positioning applications on 1/2" rope. For vertical lifeline applications, an energy absorber must be used.

Mfr	Part #
Buckingham	5004B



Lightweight Full Float Body Belt

- Dri-lex® lined
- Stacked D-rings
- 2 large full float double bar dee
- 2 small D-rings
- Removable Man-rated gut strap (must be used with a Buckingham gut strap)

Mfr	Part #
Buckingham	2018M

Portable Guard Rails



Guardrail

- Part of the ultimate free standing portable fall prevention system that requires no rooftop surface attachment
- Powder coated safety yellow
- Includes weather protected instruction holder

Mfr	Part #	Size	Weight
Guardian	15183	42" x 6'	38 lbs
	15182	42" x 8'	50 lbs
	15181	42" x 10'	54 lbs

Meets all applicable OSHA and ANSI standards



Toe-Board Attachment

- Free standing, portable fall prevention system
- Designed for the Guardian G-Rail system
- Requires no rooftop attachment
- Hot-dipped galvanized to prevent rust
- Provides easy adaptability
- 15184 - Short Toe-Board
- 15185 - Long Toe-Board

Mfr	Part #	Size	Weight
Guardian	15184	10"	1.5 lbs
	15185	21"	2.9 lbs

Complies with both OSHA and ANSI standards



Guardrail Base Plate

- Base support to Guardian G-Rail System
- Skid resistant
- Requires no rooftop attachment
- 36" x 10"

Mfr	Part #	Weight
Guardian	15180	74 lbs

Meets all applicable OSHA and ANSI standards



Multi-Directional Guardrail Base Plate

- 4 attachment points
- Build in toe-board attachments
- Part of the Guardian G-Rail System
- Powder coated safety yellow
- 22" x 22"

Mfr	Part #	Weight
Guardian	15177	94 lbs

Meets all applicable OSHA and ANSI standards

Self-Retracting Lifelines (SRLs)



Retractable Lifelines
Galvanized steel cable. Centrifugal braking mechanism limits free fall to less than 2'. Rated at 350 lbs.

Mfr	Part #	Length
Buckingham	5201-50	50'
	5201-100	100'



Tie Back BuckLimiter
Triple-locking aluminum carabiner with 3600 lb gate and tie-back locking snap with 3600 lb gate load.

Mfr	Part #	Length
Buckingham	6008-74+ Y+TC+Z	7'

Meets ANSI Z359-07



Ultra-Lok® SRL
3/16" Galvanized steel wire rope. Self-locking swivel snap-hook with impact indicator.

Mfr	Part #	Length
Capital Safety	3504433	20'
	3504430	30'
	3504450	50'

Meets ANSI Z359.1-2007 & OSHA requirements



Retractaman Retractable Lanyard
1-7/8" x 9' Retractable lanyard with a carabiner Zsnaphook. Made of polyester web. 3.6M Gate.

Mfr	Part #	Length
Elk River	21210	9'

Meets or exceeds ANSI A10.32-2004 and ANSI Z359.1-2007



Panther® Series SRLs
Steel swivel Zsnaphook with Fall Indicator. Carabiner and tagline included. 3600 lb. (3.6M) Gate

Mfr	Part #	Length
Elk River	21915	15' x 3/16"
	21920	20' x 3/16"
	21930	30' x 3/16"
	21950	50' x 3/16"
	21965	65' x 3/16"

Meets ANSI / CSA standards



JAGUAR Cable SRLs
Aluminum / Steel swivel Zsnaphook with Fall Indicator. Carabiner and tagline included. 3600 lb. (3.6M) Gate

Mfr	Part #	Length
Elk River	22315	15' x 3/16"
	22320	20' x 3/16"
	22330	30' x 3/16"
	22350	50' x 3/16"

Meets or exceeds ANSI Z359.1-2007 and current OSHA regulations



Edge Series Retractable Lifeline
Stainless steel and non-corrosive components. Quick-action braking system. Comes with swivel top, carabiner and tag line.

Mfr	Part #	Length
Guardian	10915	30' x 3/16"

Meets or exceeds all OSHA & ANSI standards



Aardvark Series Cable SRL

- Swivel Top
- RFID Technology
- Cable Grip
- Anti-Nuisance Lock-up

Mfr	Part #	Length
Guardian	10985	25'

Meets all OSHA & ANSI standards



Dyna-Lock® Wire Rope SRLs
Galvanized wire rope. Includes a steel, zinc-plated, self-locking swivel snaphook with load indicator. 310 lb capacity.

Mfr	Part #	Length
MSA	506202	30'
	506204	50'
	506206	70'
	506208	95'

Meets ANSI Z359.1-2007, A10.32-2004, OSHA 29 CFR 1910.66, and 1926.502



Rebel Self Retracting Lifelines
AG111A: Aluminum housing. Others: Thermoplastic Housing and Carabiner.

Mfr	Part #	Length	Des.
Protecta	AD111A	11'	Web
	3590500	33'	5mm Cable
	3590550	50'	5mm Cable
	3590590	66'	5mm Cable

Meets ANSI Z359.1 and OSHA



Blockfor® Self-Retracting Lifeline with Synthetic Web

- 3/4" synthetic web
- Polyamide casing
- Compact and lightweight

Mfr	Part #	Length
Tractel	RS20W	20'

Meets ANSI Z359.1-2007 and meets and exceeds OSHA requirements



Blockfor® Self-Retracting Lifeline with Galvanized Wire

- 3/16" galvanized wire
- Polyamide casing
- Lightweight and easy to handle

Mfr	Part #	Length
Tractel	RT30G	30'
	RT50G	50'

Meets ANSI Z359.1-2007 and meets and exceeds OSHA requirements

Ascenders



Ascender
Lightweight aluminum, for use on 1/2" diameter kernmantle rope.

Mfr	Part #
Buckingham	5004K

Meets ANSI Z359.1



Ascenders
8-1/2" x 3-1/4", For Rope Sizes: 3/8" and 1/2"

Mfr	Part #	Des.
Elk River	19701*	Right (green)
Elk River	19700*	Left (red)

*Professional training required to use these devices



Ropeman Ascender
With aluminum side plates and cam

Mfr	Part #
MSA	SRSA1200



Suretyman Hand Ascenders
Large grip, for ropes 1/4" - 1/2", aluminum alloy

Mfr	Part #	Des.
MSA	SRP210	Left (red)
MSA	SRP220	Right (green)

Meets applicable OSHA and ANSI regulations



Ascension Hand Ascenders
Wide handle, toothed cam, for ropes 8 mm-13 mm

Mfr	Part #	Des.
Petzl	B17WRA	Right (yellow)
	B17WLA	Left (black)

Meets CE EN 567, CE EN 12841, Type B



Spelegyca Asymmetrical Y-shaped Lanyard
Used with Ascension Ascenders for movement along rope. Flat webbing. Length: Short end: 0.3 m, Long end: 0.6 m.

Mfr	Part #
Petzl	C44

Certifications: CE 0197, EN 354



Croll Chest Ascender
Toothed cam, for ropes 3/8" (8 mm) - 1/2" (13 mm)

Mfr	Part #
Petzl	B16



Twist Ascender
X-Cam™, 1 upper & 1 lower attachment points

Mfr	Part #
PMI	HD26185

Certifications: EN 567, EN 12841-B



Pulsar Ascender
Comfortable grip, X-cam™, 1 upper & 2 lower attachment points

Mfr	Part #	Des.
PMI	HD26183	Right (lime)
	HD26208	Left (black)

Certifications: EN 567, EN 12841-B



Compact Ascender
X-cam™, 1 upper & 2 lower attachment points

Mfr	Part #
PMI	HD26184

Certifications: EN 567, EN 12841-B

Descenders



Descender

Easy to use descender for use on 10-12 mm rope with a built-in anti-panic feature

Mfr	Part #
Buckingham	DSD-30

Meets ANSI Z359.4



Descender™ Device

Stainless steel construction, simple & effective descent control system

Mfr	Part #
Capital Safety	2103189

Certifications: CSA



Figure 8 Descender

6-1/2" x 6", Alloy Steel

Mfr	Part #
Elk River	19675*

*Professional training required to use these devices



Anthon Descender

Cast Aluminum, Cam, 7/16" (11 mm) rope

Mfr	Part #
MSA	SDSD25

Certifications: OSHA, ANSI Z359.4, EN 341, Class A



Anthon Kit- 150'

Includes Anthon descender, 2 carabiners, & 150' of 7/16" (11 mm) rope

Mfr	Part #
MSA	SDC726150

Certifications: OSHA, ANSI Z359.4, EN 341, Class A



Rig Compact Self-Braking Descender

Safety gate, pivoting cam, for ropes 10.5 mm-11.5 mm

Mfr	Part #	Des.
Petzl	D21A	Yellow
	D21AN	Black

CE EN 12841 Type C, CE EN 341 Class A, NFPA 1983 Light Use



I'D S Self-Braking Descender with Anti-Panic Function - Small

Safety gate, pivoting cam, for ropes 10 mm -11.5 mm

Mfr	Part #	Des.
Petzl	D200S0	Yellow
	D200SN	Black

CE EN 341 Class A, CE EN 12841 Type C, NFPA 1983 Light Use



I'D L Self-Braking Descender with Anti-Panic Function - Large

Safety gate, pivoting cam, for ropes 11.5 mm - 13 mm

Mfr	Part #	Des.
Petzl	D200L0	Red
	D200LN	Black

CE EN 341 Class A NFPA 1983 General Use



SMC Spider Auto-Braking Descender

Optimal strength and performance, for ropes 11 mm-12.5 mm

Mfr	Part #
PMI	SM220300N

Certified NFPA 1983, L



Large Steel Figure 8 Classic Descender

Accepts single or double wrapping braking. For ropes up to 16 mm (5/8"). Bottom hole.

Mfr	Part #
PMI	HD26100

Certified NFPA 1983, G



SMC/RA Rescue 8 Full-Size Descender

Solid heat treated aluminum. Carabiner hole functions as sticht plate for 1/2" rope.

Mfr	Part #	Color
PMI	SM128701N	Black
	SM128702N	Gray

Certified NFPA 1983, G



D4 Descender

Controlled descent device with dual brakes/panic grab mechanism. Rope diameter 7/16" (11 mm).

Mfr	Part #
Tractel	K6013572

Certified ANSI Z359.1-1999 and CSA Z259.11-05



Fall Protection

Rescue Equipment



Victim Transfer Pulley

Two carabiners. 4:1 mechanical advantage. Storage bag.

Mfr	Part #
Tractel	K9TRPS



EZE-Man™ Self-Rescue Device

- 2 D-rings and Captive Eye Carabiner Zsnaphook
- 1/2" Kernmantle Rope
- Automatic controlled descent 3' per second
- Approved for 2 person rescue 550 lbs. total combined weight
- 3600 lb. (3.6M) Gate

Mfr	Part #	Length
	19805	50'
	19810	100'
	19815	150'
Elk River	19820	200'
	19825	250'
	19830	300'
	19835	350'

Compliance: OSHA 1926, Subpart M, Appendix C.



Tower Rescue 50 Raising/Lowering System Rescue

Provides an out-of-the-bag fully assembled kit containing the highest quality Petzl gear needed to quickly rescue a fallen worker utilizing a mechanical 4:1 advantage. Safe, effective, and easy to use. Includes:

- Mini Traxion (P07)
- 2 OK Triact (M33TL)
- Minder Pulley (P60A)
- Gemini Pulley (P66A)
- Rope Bucket (R41R)
- 8 mm Rescue Cord (R846)

Mfr	Part #
Petzl	TOWER-RESCUE-50



Milan Hub Lightweight Rescue Device

Features automatic speed control and controlled brake. Device keeps speed constant enabling swift and safe rescue.

Mfr	Part #	Description
SKYLOTEC	A-024	Milan with hub
	L-0409-95	9.5 mm x 95 m (311') Rope
	ACS-0014-L	Drybag

Certified EN 341, Klasse A, EN 1496, ANSI Z359.4, CSA



Derope Up T



Derope Up A

Derope® T & Derope Up A Descent Device Systems

Derope® T allows a back/forth evacuation upwards/downwards. Derope Up A has a hand wheel winch with a 2:1 lift ratio.

- Derope® T or Derope Up A descent device unit
- 6' vinyl covered wire rope sling
- 3/4" carbon steel autolocking carabiner
- J-Knife and rescue/rope bag

Mfr	Length	Derope Up T Part #	Derope Up A Part #
Tractel	200'	KT7200/TK	KT7200/AK
	300'	KT7300/TK	KT7300/AK
	400'	KT7400/TK	KT7400/AK
	500'	KT7500/TK	-
	600'	KT7600/TK	-

Meets ANSI Z359.4-07 and CSA Z259.2.3, Type 1E



MILAN Wind Rescue/Abseiling Device Kit

- 1 MILAN Hub Rescue/Abseiling Device
- 100 m (328') 9 mm Super Static Kernmantle Rope
- 3 Carabiners w/ 3/4" gate opening
- 1 Edge Guard for rope
- 1 Standard Roll pulley
- (2) 4' LOOP man-rated slings
- (1) 1/2" or 5/8" Rope Grab
- (1) 6' x 5/8" ERGOG RIP slide-adjusting Positioning Device
- 1 large 15.5 gal capacity Dry Bag

Mfr	Part #
SKYLOTEC	WIND

ANSI/CSA/EN Certified



MILAN Tower Rescue/Abseiling Device Kit

Includes:

- 1 MILAN Hub Rescue/ Abseiling Device
- 100 m (328') 9mm Super Static Kernmantle Rope
- 2 SUPER D TW twist-loc Carabiners with 1" gate opening
- (2) 4' LOOP man-rated slings, sharp-edge resistant
- (1) 6' x 5/8" ERGOG RIP slide-adjusting Positioning Device
- 1 large 15.5 gal capacity Dry Bag

Mfr	Part #
SKYLOTEC	TOWER

ANSI/CSA/EN Certified

Rescue Equipment (cont.)



Rollgliss™ R500 Rescue & Escape Device

Includes: rescue hub, 3 anchor slings, 3 carabiners, pulley, edge protector, rope grab, and carrying bag

Mfr	Part #	Length
	3321100	100'
	3321200	200'
Capital Safety	3321300	300'
	3321400	400'
	3321500	500'

Compliance: ANSI, CSA, and OSHA



High Elevation Self-Rescue System

Provides all components necessary for self-rescue or aiding in rescuing a fellow employee. (75' of 1/2" braided rope).

Mfr	Part #	Description
Bucking-ham	101SR75	75' 1/2" Braided Rope

Rated to 330 lbs



SuretyMan™ Rescue Utility System

Multi-purpose ascent or descent, versatile for rescue & access. Features pulleys equipped with built-in anti-reversing lock and ascenders attached to both the operating rope and user via a securing rope.

Mfr	Part #	Description
MSA	SRS15200	200' System

Compliance: OSHA and ANSI Z359.4



Universal Bosun's Seat

- 12" x 24" platform seat of 1" laminated plywood
- 4-point nylon suspension system
- D-ring attachment point
- Waistbelt
- 2 bucket snaps at each end

Mfr	Part #
Elk River	85809



FallTek™ Rescue Solution: Rescue of a Suspended Person by Lowering or Raising

Compact rescue system which allows a subject to be recovered by a single rescuer.

- 11 mm PMI Access Pro Rope with Sewn Eye for Scaffold Hook
- 1 Casualty attachment hook (not ANSI-rated)
- 2 Steel ANSI-rated carabiners
- 1 Steel ANSI-rated captive eye carabiner
- 1 Quadra™ rescue device
- 1 Hurricane Pro™ pulley, and 1 Vector
- 1 Rescue Reach pole
- 1 Pair Rescue Shears
- Steel anchor slings: (1) 1 m & (1) 2 m
- 1 Casualty attachment lanyard
- 1 accessory carabiner

Mfr	Part #	Length
	KT36113	50 m FallTek
PMI	KT36114	66 m FallTek
	KT36115	100 m FallTek

Certified ANSI Z359.4, 2007



TowerTek™ Rescue Solution: Self Evacuation or Rescue of Another by Controlled Descent

- 11 mm PMI® Access Pro Rope
- 1 - 1 m Steel anchor sling
- 1 - Hurricane Pro™
- 4 - Steel ANSI-rated Carabiners
- 1 - PowerLock™ rescue descender
- 1 - Pair Rescue Shears
- 1 - Casualty attachment sling
- 1 - Carrying Bag

Mfr	Part #	Length
	KT36148	50 m TowerTek
PMI	KT36149	66 m TowerTek
	KT36150	100 m TowerTek

Certified ANSI Z359.4, 2007

Rescue Kits >>>

Fall Protection

Rescue Kits



High Elevation Rescue Kit

- Complete kit with everything needed to self-rescue or rescue another from an elevated location
- Features:
 - An anti-panic descender
 - 250' of braided rope
 - 3' anchor sling
 - 7003 pick-off strap
 - Knife/sheath
 - 3 locking carabiners
 - Packed in a backpack rope bag

Mfr	Part #
Buckingham	101SRQ38-250

Meets all applicable ANSI standards



Rescue Kit

- Designed to easily lift a victim on a tower or structure to disconnect their shock-absorbing lanyard
- 4:1 mechanical advantage eases process
- Includes an anchor sling and micro grab to anchor to a lifeline
- 10' lifting height
- Packed in a storage bag that easily attaches to a harness or belt

Mfr	Part #
Buckingham	3816



Rescue Kit

Includes:

- 1 Spreader bar (13450)
- 1 Large steel carabiner (17426)
- 2 Small steel carabiners (17443)
- 1 Fisk descender (2103189)
- 1 3' Tie-off sling (26773)
- 1 1/2" x 300' red kernmantle (RR125RW092E) or 1/2" x 600' red kernmantle (RR125RD183E)
- 1 Red rescue bag (SA-106-RD)
- 1 Rope termination plate (SRIW1000)

Part #	Description
Rescue-Kit	Rescue Kit with 1/2" x 300' Red Kernmantle
Rescue-Kit-600	Rescue Kit with 1/2" x 600' Red Kernmantle



Safety Saflok™ Pole Anchor System

- Connects to most hot stick poles already available on utility trucks
- Includes:
 - 80' of 5/8" rope
 - Installation/removal tool
 - 2 carabiners
 - Rope grab with shock-absorbing lanyard
 - Chain tensor
 - Web loop and carrying bag

Mfr	Part #
Capital Safety	2104801



Auto Descent Self Rescue Kit

Typical Kit Includes:

- Escape / Rescue Only Harness (not for fall arrest applications)
- Auto Descent Self Rescue Device
- 100' x 3/16" kernmantle rope
- EZE-Man™ Sling, 1-3/4" x 6' with 2 D-rings
- EZE-Man™ Rope Bag, 12" x 12" x 20"
- 3600 lb. (3.6M) Gate

Mfr	Part #
Elk River	97800



Fastscape Descent / Escape Kit

- Rescue Sling
- 100' kernmantle rope
- Two man rescue – Man-rated 620 lbs.
- Manual descent with “panic” and “dead man” lock
- Carabiner
- Other lengths available

Mfr	Part #
Elk River	05706

Kits



First-Man-Up™ System

- Safe and easy way to anchor a fall protection device to an overhead location beyond normal reach
- Pole adjusts from 2.4 to 4.8 m
- Tie-off adapter tool and 0.9 m tie-off adapter
- Snaphook connector tools (for use with original hooks and 16kN gated snaphooks) for connection/disconnection of a lifeline to an overhead anchorage sling
- Includes carrying bag and training video

Mfr	Part #
Capital Safety	2104531

Meets the requirements of AS/NZS 1891.4



Sayflin™ Roofer's Fall Protection Kit

Complete kit includes:

- Horizontal lifeline system
- Delta No-Tangle™ harness
- Rope adjuster with shock-absorbing lanyard
- 50' Sayflin horizontal lifeline assembly
- Counterweight
- Removable roof anchor & carrying bag

Mfr	Part #
Capital Safety	7611904

Meets OSHA and ANSI Z359



Bucket of Safe-Tie

- Incorporates an integrated shock absorber into the lifeline
- User will never have to worry about adding a shock-absorbing lanyard to his fall protection system
- Removing the shock pack from the worker's back, less dead weight is transferred to the dorsal D-ring
- Comes in a variety of configurations

Mfr	Part #
Guardian	00815



Oil Rigger's Kit

Includes:

- SaddleMaster harness w/ 4 D-rings
- 12" extended D-ring: center of back
- D-ring at lower back waist
- D-rings on saddle with snaps
- Mating buckles at chest strap
- Tongue buckles on leg straps
- 4" backpad at waist and saddle
- Carrying bag

Mfr	Part #	Size
Elk River	76471	Small
	76472	Medium
	76473	Large
	76474	X-Large



Tower Climber's Basic Kit

- TowerPro harness
- Tie-back lanyard
- Work Positioning lanyard
- Helmet
- Tractel® gear bag

Mfr	Part #	Description
Tractel	KIT-TCBZM	Medium harness
	KIT-TCBZL	Large harness
	KIT-TCBZXL	X-Large harness



Phoenix Basic Fall Protection Trac Kit

- One size Phoenix harness with quick-connect legs
- 6' shock absorbing lanyard with 3/4" snaphook
- Storage bag

Mfr	Part #
Tractel	KIT-B41

[More Kits >>>](#)

Fall Protection

Roofer's Kits



Roofer's Kit

- Designed as a temporary installed anchorage connector on wood frame structures with lifeline components
- Full body harness
- Shock-absorber attached to a rope positioner (for use with 5/8" rope only)
- 50' of multiline 5/8" rope, roof anchor, nails, and bag

Mfr	Part #
Buckingham	3114



Roofer's Kit

- CP+™ 1-D-ring harness (48103)
- 50' x 5/8" CP+™ lifeline with Zsnaphook (3.6M Gate)/thimble
- 5/8" x 3' trailing rope grab with attached nylon web lanyard and Zsnaphook (3.6M Gate)
- Reusable roof anchor with fasteners and bucket

Mfr	Part #
Elk River	05003



3-Man Swiveling Lightweight Roof Anchor

- Each anchor point swivels 360°
- Unique load distributing design
- Installation requires only 4 fasteners/foot to mount
- 4 articulating feet fit multiple wood roof pitches from 4-12 to 12-12

Mfr	Part #	
Capital Safety	2103690	Meets OSHA for up to 3 users, & ANSI requirements for one user



Compliance in a Can™ with Roof Anchor

Contains the following:

- (1) 5-point full body harness (AB17530)
- (1) Combination 5/8" rope grab with attached 2' shock-absorber (1330096)
- (1) 50' 5/8" blend rope lifeline with attached snaphook (AC27352)
- (1) Reusable roof anchor bracket (AJ730A)

Mfr	Part #
Capital Safety	AA7041A



Quik-Mount® Lite HD Roofer's Kit

- Phoenix harness
- Manual rope adjuster and 3' shock-absorbing lanyard combination
- Superline lifeline
- One heavy-duty hinged D-ring roof anchor with screws

Mfr	Part #	Description
Tractel	N0850S/B	50' system in bag
	N0850S	50' system in pail



Reusable Steel Roof Anchor

- 5,000 lb anchorage point & minimum breaking strength
- Includes 20 16D nails for single use
- Complete with cadmium plated, forged alloy steel D-ring
- Nail into the sheathing and joist, rafter, etc

Mfr	Part #
Capital Safety	2103676

Relief Steps



3M™ Rescue Step Fall Support

Rescue step fall support connects at D-ring. Fully adjustable to 70".

Mfr	Part #
3M	R-100



BuckStep Suspension Trauma Rescue System
Attaches to any full body harness and is fully adjustable.

Mfr	Part #
Buckingham	105RS



Rescue G Loop

- Relieves suspension trauma
- Compact and lightweight
- Easy to attach
- Easy deployment

Mfr	Part #
Guardian	10731



Suspension Trauma Safety Straps

One pair, connects to most harnesses.

Mfr	Part #
Capital Safety	9501403



Rapid Deployment Rescue Ladder Kit

Perfect for self or assisted rescue. Features include aluminum ladder, (2) 3' premium cross arm straps with large and standard D-rings, (2) 3600 lb rated Pompier Hooks, and weather grade carrying pack

Mfr	Part #	Size
Guardian	15023	12'
	15046	20'



Rollgliss™ Rope Rescue System

Synthetic rescue ladder with 3 connecting carabiners. Length: 8'.

Mfr	Part #
Capital Safety	8516294



Suspension Trauma Safety Step

Attached carabiner. Can use one Safety Step or two (one for each leg).

Mfr	Part #
MSA	10063431



Rescue Etrier

6 foot loops are reinforced for easier foot placement. Length: 7' (2.1 m).

Mfr	Part #
MSA	SRS3200



Looping 4-Step Etrier

Underfoot strap is abrasion-resistant & slightly rigid to make it easier to step into.

Mfr	Part #
Petzl	C25



Personal Foot Slings

Choice of using 1 or 2 feet. Reinforced foot loops. Heavy 1" flat webbing.

Mfr	Part #
PMI	SG51118



Footape Adjustable Webbing Foot Loop

A height adjustable elastic keeps the foot in the loop, regardless of shoe type.

Mfr	Part #
Petzl	C47A



Quickstep Single-Step Etrier

Equipped with a STRING which holds carabiner in position. Rapid length adjustment via Double-Back buckle.

Mfr	Part #
Petzl	C09



1-Ztep Foot Loop

Adjustable, heavy-duty foot loop for use in ascending. Adjustable: 28"-46". Heavy 1" flat webbing.

Mfr	Part #
PMI	SG51049



Etrier

Reinforced steps in contrasting colors. 1" tubular webbing.

Mfr	Part #	Length
PMI	SG51040	4 Steps, 4'3"
	SG51034	5 Steps, 5'3"
	SG51096	6 Steps, 6'3"

Fall Protection

Slings



Sling
Utilizes a small dee to pass through a larger dee to pass through a larger dee making a secure anchor. Length: 6' (72")

Mfr	Part #
Buckingham	3902-6

Meets ANSI Z359 and applicable OSHA standards



Web Slings
Can be chocked/hitched around a suitable anchor to provide the user a man-rated attachment point. 1" polyester webbing

Mfr	Part #	Description
Buckingham	3905E-18	18" endless
	3905E-24	24" eye to eye
	3905E-36	36" eye to eye



Tie-Off Adapters
Pass-through design. 1-3/4" polyester (5,000 lb. min. tensile strength). 3" wide polyester wear pad.

Mfr	Part #	Length
Capital	1003000	3'
Safety	1003006	6'

Meets OSHA and ANSI Z359



Eagle Tie-off Web Sling

- 4" half loop web eye on both ends
- Made of Nylon and Polyester

Mfr	Part #	Size
Elk	63673	1" x 3'
River	63676	1" x 6'



GAC Cable Sling with Rings
Vinyl coating GAC

- 2" and 3" rings
- Vinyl Coated Galvanized Aircraft Cable

Mfr	Part #	Size
Elk	13604	1/4" x 4'
River	13606	1/4" x 6'



GAC Cable Sling with Ring & Zsnaphook

- 2" ring
- Zsnaphook, 3/4" gate opening
- Vinyl coated, galvanized aircraft cable
- 3600 lb. (3.6M) Gate

Mfr	Part #	Size
Elk	13614	1/4" x 4'
River	13616	1/4" x 6'
	13618	1/4" x 8'



Rigging Sling / Daisy Chain

- Rescue Only; 5K (22kN)
- Carabiner NOT included
- Made of Nylon
- Also available in 5', 8', 10'

Mfr	Part #	Size
Elk	26213	1" x 3'
River	26214	1" x 4'
	26216	1" x 6'



Heavy Duty Endless Sling

- 5K (22kN)
- Made of Nylon
- Also available in 2', 8', 10'

Mfr	Part #	Size
Elk	26833	1" x 3'
River	26834	1" x 4'
	26836	1" x 6'



EZE-Man™ Slings

- Two D-rings
- Made of nylon and polyester
- Also available in 1', 2', 4', 5', 8'

Mfr	Part #	Size
Elk	26771	1-3/4" x 18"
River	26773	1-3/4" x 3'
	26776	1-3/4" x 6'



EZE-Man™ Slings

- Web Eye and D-ring
- Made of Polyester

Mfr	Part #	Length
Elk	26793	1-3/4" x 3'
	26794	1-3/4" x 4'
	26795	1-3/4" x 5'
	26796	1-3/4" x 6'



Multi-Purpose Pass Through Anchor Sling

- 2 D-rings
- 3" Wear pad

Mfr	Part #	Length
FallTech	7324	2'
	7336	3'
	7348	4'
	7372	6'
	737208	8'
	737210	10'



Premium Cross Arm Straps

- Heavy duty wear pad
- Large D-ring & standard D-ring for pass thru
- Also available in 4', 10', 12', 15', 20', 30'

Mfr	Part #	Length
Guardian	10785	3'
	10786	4'
	10787	6'
	10788	8'



Anchorage Connector Strap
5' D-ring on one end, sewn loop on other end. Nylon

Mfr	Part #
MSA	505282

Meets applicable OSHA and ANSI requirements



Double D-ring Anchorage Connector Strap
SFP2267503: 3'
SFP2267506: 6'

Mfr	Part #	Length
MSA	SFP2267503	3'
	SFP2267506	6'

Meets applicable OSHA and ANSI requirements



Surety-Man™ Anchorage Sling
4' Nylon tube webbing

Mfr	Part #
MSA	SFP2267404

Meets applicable OSHA and ANSI requirements

Slings (cont.)



Aneau Webbing

Breaking strength: 22 kN

Mfr	Part #	Length
	C40-60	60 cm
	C40-80	80 cm
Petzl	C40-120	120 cm
	C40-150	150 cm

Certification: CE EN 566, CE EN 795 B



Connection Fixed Anchor Straps

Forged steel D-rings at both ends. MBS: 35 kN

Mfr	Part #	Length
	C42-100	100 cm
	C42-150	150 cm
Petzl	C42-200	200 cm
	C42F	Adjustable

Certification: CE EN 795 B, CE EN 354



Choker Sling

Fast connection. Extra layer of webbing for protection. Cinch strap for easy closure. Color: Red/Black

Mfr	Part #	Length
	SG51213	3'
	SG51242	4'
PMI	SG51214	6'
	SG51243	8'

Certification: ANSI Z359.1



Sewn Webbing Loops

Made with 1" tubular webbing. MBS: 7300 lbf

Mfr	Part #	Description
	SG51141	5' Green
	SG51142	12' Yellow
PMI	SG51143	15' Blue
	SG51144	20' Red
	SG51145	25' Black



Power Slings

Ultra high strength. 12 mm width. Abrasion resistant. MBS: 5000 lbf (22 kN)

Mfr	Part #	Length
	SG51157	60 cm
PMI	SG51158	120 cm

Certified UIAA, CE120



Anchor Slings

1-3/4" webbing. Steel D-rings on both ends. Fast connection. MBS: 8100 lbf (36 kN).

Mfr	Part #	Length
	SG51029	3'
PMI	SG51030	4'
	SG51031	6'

Certification: NFPA 1983 G



Loop Sling

4 lengths available, MBS: 35kN (man-rated)

Mfr	Part #	Length
	L-0106-0.6	2'
SKY-	L-0106-1.2	4'
LOTEC	L-0106-1.5	5'
	L-0106-1.8	6'



Loop SEP 40 kN

- For working at sharp edges
- Tensile force of 40 kN
- Flexible casing makes loop practically indestructible.

Mfr	Part #	Len.
SKY-	L-0397-0,75	2.5'
LOTEC	L-0397-1,75	5.7'

Certification: EN 354, EN 566, EN 795 and ANSI Z359.1



Anchor Slings

Pass-through D-ring. Rated 5,000 lbs. Made of polyester webbing. Heavy duty back pad.

Mfr	Part #	Length
	V4135	3'
Tractel	V4165	6'



Endless Slings

- 1" Polyester webbing
- Rated 5,000 lbs

Mfr	Part #	Length
	V41321	18"
	V41323	3'
Tractel	V41326	6'

Pulleys



SuretyMan™ Pulley
Single, 4" (10 cm), Std/
Prusik, Aluminum, Yellow.
For 3/8" to 1/2" static
kernmantle rope.

Mfr	Part #
MSA	SPPPU8710



**Pro Traxion Progress
Capture Pulley**
Can be used as pulley or
rope clamp. Large
diameter aluminum
sheave mounted on
sealed ball bearings. Lock-
able moving side plate.
For ropes ≤ 13 mm.

Mfr	Part #
Petzl	P51



**Micro Traxion Compact
Progress Capture Pulley**
Can be used as progress
capture pulley or simple
pulley. Aluminum sheave
mounted on sealed ball
bearings.
For ropes ≤ 11 mm.

Mfr	Part #
Petzl	P53



**Mobile Versatile Ultra-
Compact Single Pulley**
For hauling systems
and deviations. Sheave
mounted on self-lubri-
cating bushings.
For ropes ≤ 13 mm.

Mfr	Part #
Petzl	P03A



**Fixe Versatile Compact
Single Pulley**
For hauling systems and
deviations. Fixed side
plates. Sheave mounted
on self-lubricating
bushings.
For ropes ≤ 13 mm.

Mfr	Part #
Petzl	P05W



**Rescue High Strength,
High Efficiency Pulley**
For rescue professionals,
heavy loads/intensive use.
Large diameter sheave
mounted on sealed ball
bearings. Accepts up to 3
carabiners. For ropes ≤ 13
mm.

Mfr	Part #
Petzl	P50A



**Mini Lightweight Prusik
Pulley**
Special side plates de-
signed for use with a
Prusik friction hitch in
lightweight progress
capture systems. Sheave
mounted on sealed ball
bearings.
For ropes ≤ 11 mm.

Mfr	Part #
Petzl	P59A



**Gemini Lightweight
Double Prusik Pulley**
Special side plates as
seen in P59A. Parallel
mounted sheaves & aux-
iliary attachment point.
Sheaves mounted on
sealed ball bearings. For
ropes ≤ 11 mm.

Mfr	Part #
Petzl	P66A



**Minder Highly Efficient
Prusik Pulley**
Special side plates as
seen in P59A. Large di-
ameter sheave mounted
on sealed ball bearings.
Accepts up to 3 carabiners
to facilitate use. For ropes
≤ 13 mm.

Mfr	Part #
Petzl	P60A



**Twin Highly Efficient
Double Prusik Pulley**
Special side plates as seen
in P59A. Parallel mounted
sheaves & auxiliary at-
tachment point. Large di-
ameter sheaves mounted
on sealed ball bearings.
Accepts up to 3 carabiners.
For ropes ≤ 13 mm.

Mfr	Part #
Petzl	P65A



**Tandem Double Pulley
for Tyrolean Traverses on
Rope**
Aluminum sheaves
mounted on self-lubricating
bushings. Accepts up to 3
carabiners.

Mfr	Part #
Petzl	P21



**Tandem Speed Double
Pulley for Tyrolean
Traverses on Rope**
Stainless steel sheaves.
Sheave mounted on
sealed ball bearings. Ac-
cepts up to 3 carabiners.

Mfr	Part #
Petzl	P21 SPE



**SMC Advance Tech HX
Pulley**
Made from high quality
aluminum. Anodized to
help prevent corrosion.
Supports rope diameters
from 7 mm up to 12.5
mm. Stainless steel pins
retain the rope when a
rigged system is pre-
packed.

Mfr	Part #
PMI	SM154900N

Certified NFPA 1983, T



SMC Advance Tech Mate
Made from high quality
aluminum. Anodized to
help prevent corrosion.
Supports rope diameters
from 7 mm up to 12.5 mm.
Stainless steel retaining
pins. NFPA 1983 (2012 Ed
Pending) "T" Technical Use.

Mfr	Part #
PMI	SM154801N

Certified NFPA 1983



**SMC 3" Prusik Minding
Pulley**
Ball bearing. Large top
hole accepts 3 large
carabiners. Aluminum
side plates and sheaves.
Sealed bearings. For 11
mm to 13 mm rope.

Mfr	Part #
PMI	SM158000N

Certified NFPA 1983 G



SMC Kootenay HX Pulley
Sealed ball bearings. Aluminum side plates and sheave. Primary carabiner hole accepts many rescue carabiners; secondary carabiner holes for use with tag or belay lines. Includes 2 quick-release pins. For 10 mm to 13 mm rope.

Mfr	Part #
PMI	SM125500
Certified NFPA 1983, C11801	



Standard Roll Aluminum Rope Pulley
Aluminum rope pulley designed for a maximum diameter of 13 mm (9/16"); working capacity 32kN.

Mfr	Part #
SKYLOTEC	H-067

Rope Grabs



Ascender
Lightweight aluminum for use on 1/2" diameter kernmantle rope.

Mfr	Part #
Buckingham	5004K
Meets ANSI Z359.1	



Rope Grabs
5000335: 5/8" diameter mobile rope
5000338: 3/8" diameter static wire rope grab

Mfr	Part #
Capital Safety	5000335
	5000338



Cobra™ Auto/Mobile Rope Grab
For use on 9/16" to 3/4" rope.
AC202A10: Includes 3' shock absorbing lanyard

Mfr	Part #	Des.
Capital Safety	AC202D	without lanyard
	AC202A10	Includes lanyard



Dual Size Trailing Rope Grab
5/8" & 3/4" Dual Size Trailing Rope Grab, 2" ring, Anti-inversion

Mfr	Part #
Elk River	19250



Trailing Rope Grab
5/8" Trailing Rope Grab, 1-1/4" ring, Anti-inversion, Anti-panic

Mfr	Part #
Elk River	19260



Rope Grab
Removable rope grab. Fits 5/8" or 1/2" thick safety ropes. Locks automatically when a fall occurs.

Mfr	Part #	Description
Guardian	01505	Rope Grab (No extension)
	01507	Rope Grab with Attached Shock Pack



Rope Grab Fall Arrester
Travels up and down 5/8" vertical lifeline rope

Mfr	Part #
MSA	10054077
Meets ANSI Z359.1-2007	



Basic Frame-loaded Rope Clamp
Lower and upper hole. For single ropes between 8-13 mm in diameter.

Mfr	Part #
Petzl	B18AAA
Certification CE EN 567	



Macrocenter Cam-loaded Rope Clamp for Large Diameter Ropes
Removable axle and locking pin. For single ropes between 12-19 mm in diameter.

Mfr	Part #
Petzl	B51
Certification CE EN 567	



Microcenter Cam-loaded Rope Clamp
Removable axle and locking pin. For single ropes between 9-13 mm in diameter.

Mfr	Part #
Petzl	B54
Certification CE EN 567	



Rescuecenter Cam-loaded Rope Clamp
Removable axle and locking pin. For single ropes between 9-13 mm in diameter.

Mfr	Part #
Petzl	B50
Certification CE EN 567	



Stopfor® A Advanced Rope Grab
Spring-loaded cam-locking system. Gravity washer to prevent upside-down installation. Easy hinge loading anywhere on lifeline. Stainless steel construction. 5/8" three-strand rope diameter. Dual braking system.

Mfr	Part #
Tractel	WA58

More Wire & Rope Grabs >>>

Fall Protection

Wire/Cable Grabs (cont.)



Cable Grab

Should user fall while ascending or descending, this prevents user from falling more than 1'

Mfr	Part #	Description
Bucking-ham	5013	for 3/8" cable
	5012	for 5/16" cable

Meets ANSI Z359.1



Lad-Saf® Cable Sleeve

Available with & without carabiner. For use on 8 mm & 3/8" diameter 1 x 7 or 7 x 19 solid core cable.

Mfr	Part #	Des.
Capital Safety	6116540	with carabiner
	6116541	without carabiner



Cabloc™ Sleeve with Carabiner

Includes carabiner. For use on 1 x 7 or 7 x 19 solid core cable.

Mfr	Part #	Cable.
Capital Safety	AC350A	5/16" dia. cable
	AC351A	3/8" dia. cable



Wire Rope Grab

Carabiner included

Mfr	Part #	Des.
Elk River	19401	3/8" Wire
	19402	5/16" Wire



Cable Grab

Fits 3/8" thick cable. Travels in both directions automatically. Locks automatically when a fall occurs

Mfr	Part #	Des.
Guardian	01510	3/8" cable
	01515	5/16" cable



SureClimb Wire Rope Fall Arrester

Uses 5/16" galvanized steel cable. Includes carabiner.

Mfr	Part #
MSA	10040010

Meets OSHA and ANSI standards and is CSA Certified



Dual Cam Wire Rope Grab

3/8" Wire rope.

Carabiner included

Mfr	Part #
SKYLOTEC	H-155



Cable Grabs

Extremely durable

Mfr	Part #	Wire
Tuf Tug	TTWG-500-1/4	1/4"
	TTWG-500-516	5/16"
	TTWG-500	3/8"



Trailing Rope Grab Fall Arrester

For 5/8" rope with Sure-Stop shock absorbing lanyard and 36C snaphook

Mfr	Part #
MSA	415940

Rope Grab w/ Attached Lanyard



First Rope Grab with 2' Shock Absorbing Lanyard

Polyester web shock absorber, zinc plated stamped steel hook and 5/8" chrome plated steel rope grab

Mfr	Part #
Capital Safety	1330096



Rope Grab

5/8" rope grab with attached web 1" x 3' ZORBER® Lanyard with CenturionZ Snaphook 3.6M Gate

Mfr	Part #
Elk River	19273



Rope Grab

1/2" with 2" ring with attached 3' lanyard

Mfr	Part #
Elk River	19101



Rope Grab Lanyard Set

3' Single-leg with View-Pack and deluxe self-tracking/park rope grab

Mfr	Part #
FallTech	8355



SureGrab™ Rope Grab Fall Arrestor

5/8" Rope grab, automatic/manual, open body, c/w 1-3/4" x 12" web lanyard, LS snaphook

Mfr	Part #
MSA	SVLR78LS

Meets and exceeds ANSI Z359.1 and OSHA standards and is CSA certified.



Mio Self-Trailing Rope Grabs

Removable, dual action pin. Comes with lanyard and ANSI snaphook

Mfr	Part #	Description
	HD26114	7/16" Rope (yellow pin)
PMI	HD26005	1/2" Rope (blue pin)
	HD26006	5/8" Rope (black pin)

Certified ANSI Z359.1

Anchors & Beamers



Step Bolt

Installed every 3rd step providing a 5,000 lb fall arrest anchor point
Length: 8-1/2"
Tread length: 5"
Thread length: 2-1/2"

Mfr	Part #	Thread Diameter
Bucking-ham	3075	3/4"
ham	3058	5/8"

Meets applicable OSHA standards



Anchor Flange

Installed on steel structures every 3rd step under existing bolt step providing a 5,000 lb fall arrest anchor point

Mfr	Part #	Step Bolt
Bucking-ham	30-F1	11/16"
	30-F2	15/16"
	30-F3	13/16"
	30-F4	1-1/16"



Trolley Anchorage Connector

For use with SRLs on horizontal beams. Fits 3" to 8" flange width thickness up to 11/16".

Mfr	Part #
Capital Safety	2103143

Meets OSHA, ANSI and ANSI Z359 standards



Glyder2 Sliding Beam Anchor

Anchor slides across beam on wear pads. Fits flange 3-1/2" to 14" wide & up to 1-1/4" thick.

Mfr	Part #
Capital Safety	2104700

Meets OSHA, ANSI A10.32, Z359.1 & EN795



Fixed Beam Anchor

Fits 1-1/2" thick flange, 2-1/2" to 12" wide

Mfr	Part #
Capital Safety	2108406

Meets OSHA, ANSI Z359



Door and Window Jamb Anchor

Adjustable for opening from 21.5" to 51.5"

Mfr	Part #
Capital Safety	2100080

Meets OSHA 1910.66, OSHA 1926.502



Concrete D-ring Anchor

Mfr	Part #
Capital Safety	2104560

Meets OSHA, ANSI and ASTM E488



Saflok® Concrete Wedge Anchor

Mfr	Part #
Capital Safety	2100085

Meets OSHA, ANSI and ASTM E488



Saflok® Toggle Anchor for Bolt

Mfr	Part #
Capital Safety	2100101

Meets OSHA, ANSI and ASTM E488



I-Beam Slider

Easy adjuster button on 1 end, fixed other end. Fits 3-1/2" x 12" I-Beams.

Mfr	Part #
Elk River	13025



I-Beam Slider

Adjuster buttons on each end. Fits 3-1/2" x 14".

Mfr	Part #
Elk River	13026



I-Beam Trolleys

Mfr	Part #	Des.
Elk River	13060	2-5/8" to 5-1/16"
	13065	5-1/16" to 7-1/2"



Pipe Anchor Hooks

Mfr	Part #	Des.
Elk River	13501	4-1/2" to 16"
	13502	5-3/4" to 17"



Beamer 2000

Fits 3.5 to 14" beams up to 1-1/4" thick

Mfr	Part #
Guardian	00101



Beamer 3000

Two-sided adjustable beamer - fits up to 14"

Mfr	Part #
Guardian	00104



5k Concrete Anchor

Fits a concrete hole size of 3/4" diameter and 3" deep

Mfr	Part #
Guardian	00235



10k Concrete Anchor

For single user connection and with a support capacity of 10,000 lbs. Anchor point is temporarily reusable

Mfr	Part #
Guardian	00236



BMR Trolley Anchor

Free moving rollers. Web/D-ring connection point. Easy pin adjustment. Stainless Steel Spring. Polyester webbing material

Mfr	Part #
Guardian	00215



FP Stryder™ Anchorage Connector

Fits beam flange widths from 4" to 14"

Mfr	Part #
MSA	10051455

More Anchors & Beamers >>>

Fall Protection

Anchors & Beamers (cont.)



Bolt on Step Bolt
2" to 6" OD leg

Mfr	Part #
Tuf-Tug	115-178



Removable Step Bolt

Mfr	Part #
Valmont	167200



Step Bolts

C40-044-002:	5/8" x 7"
C40-044-006:	3/4" x 7-1/2"

Mfr	Part #
Sabre	C40-044-002
	C40-044-006



Step Bolt Anchor

For 5/8" or 3/4" step bolts

Mfr	Part #
Tuf-Tug	115-154



45° Step Bolt Anchor

For 5/8" or 3/4" step bolts

Mfr	Part #
Tuf-Tug	115-154-Formed



Mega Swivel 10K Steel and Concrete Anchor with Concrete Bolt

Swivel ring allows D-ring to rotate 360° and flip back and forth at 180°, Optional: Backing plate

Mfr	Part #	Description
Climb Tech	MS-C-10K*	Mega Swivel 10K Anchor
	MS-HC-KIT	Backing Plate: 9" x 6" with 14-1/2" full thread bolt, nut, flat. Works on anything more than 1/2" thick

*Load rating: 10,000 lbs/22kn | *Meets ANSI Z359.1



Anchorage Connector Chain

Mfr	Part #
MSA	10003206

Height Access Rail System



Attaches to a C-rail vertical climbing system

- (1) Doubled guide rollers for resistless climbing over rail joints
- (2) Solid housing of milled aluminium
- (3) Durable rollers of stainless steel with sleeve bearings
- (4) Flexibly moving follower roller for automatic adjustment to various rail thicknesses and a permanent contact pressure
- (5) Redundant release system with a pull-back function and centrifugal force control independently working from each other
- (6) Stable snap-fit hook of stainless steel
- (7) Element for damping - energy absorber. The falling impact remains under 6 kN even with drop impact tests with a steel weight.
- (8) Self-bolting trilock carabiner

Mfr	Part #
SKYLOTEC	TAC-0002

Certified to ANSI and CSA Standards

Lifelines



1/2" Kernmantle Lifeline

Features stitched eye with steel thimble to attach to suitable anchor point. Length: 150'.

Mfr	Part #	Length
Buckingham	39SQ1-150	150'

Additional lengths available



5/8" Poly Rope with Snaphooks

5/8" rope
Length: 350'

Mfr	Part #	Length
Capital Safety	1202962	350'

Additional lengths available



5/8" Nylon Rope Lifeline

5/8" nylon rope with Zsnaphook on each end. 3600 lb. gate. Lengths: 50' and 100'.

Mfr	Part #	Length
Elk River	34175	50'
	34200	100'

Additional lengths available



50' of 5/8" Rope

Polyester/polypropylene, with twist-lock carabiner on one end.

Mfr	Part #
MSA	416049



EZ-Line™ Retractable Horizontal Lifeline System

Tension and impact indicators. Horizontal mobility and continuous protection for 2 users per span, up to 6 users per system.

Mfr	Part #	Length
Capital Safety	7605060	60'

Additional lengths available



SecuraSpan™ I-Beam Horizontal Lifeline System

Tension and impact indicators. Horizontal mobility and continuous protection for 2 users per span, up to 6 users per system.

Mfr	Part #	Length
Capital Safety	7400460	60'

Additional lengths available



Bulk Kernmantle Lifeline

1/2" diameter. Breaking strength is 8,200 lbs. (36.4 kN)

Mfr	Part #
Tractel	G7012



Rope Lifeline

5/8" Premium polyester rope with 2 snaphooks and steel thimbles

Mfr	Part #	Length
FallTech	8125DH	25'
	8150DH	50'
	8175DH	75'
	8200DH	100'



Sayflite™ Cable Horizontal Lifeline System

Complete kit includes cable lifeline assembly and turnbuckle device. Incorporates the Zorbit™ shock absorber for added safety, allowing use of a standard 5,000 lb. rated anchorage connector. Length: 60'.

Mfr	Part #	Length
Capital Safety	7602060	60'

Meets OSHA and ANSI Standards
Additional lengths available



Sayflite™ (Synthetic) Horizontal Lifeline System

Complete kit includes kernmantle rope lifeline assembly with tensioning device, two tie-off adapters to anchor the system to a structure. Length: 60'.

Mfr	Part #	Length
Capital Safety	7600506	60'

Meets OSHA and ANSI standards
Additional lengths available



Sure-Line™ Cable Horizontal Lifeline System

Includes an integral shock absorber. Uses a 3/8", 6 x 36 galvanized cable. Rated for 2 people. Includes turnbuckle.

Mfr	Part #	Length
MSA	SHL2009060	60' (18 m)

Meets applicable OSHA regulations and ANSI 10.32. Also available in 40'.

[More Lifelines >>>](#)

Fall Protection

Lifelines (cont.)



Dyna-Line™ Synthetic Horizontal Lifeline System

Highly visible 12-strand red rope will not hackle and minimizes fall distance due to low stretch properties. 2-worker system.

Mfr	Part #	Length
MSA	10013153	60' rope

Meets ANSI A10.32 standards and OSHA requirements. Also available in 30'.



Travelsafe® Tempo III Temporary Horizontal Lifeline

Maximum of three persons. Lightweight solution to temporary horizontal fall-arrest applications; can be adjusted from 3' to 60'.

- Tempo III rope adjuster with integral carabiner
- 60' of 1/2" rope
- 2 Endless slings and 1 carabiner
- 3 Travel O-rings and storage bag

Mfr	Part #
Tractel	H66500



Tirsafe® Temporary Horizontal Lifeline Systems

Adds new energy-absorbing technology to any Horizontal Lifeline System (HLL). Fully re-usable HLL Energy Absorber.

- Built-in tension indicator
- Impact indicator
- 3 users per single span
- Single spans up to 65'; Multi up to 300'
- Minimal line deflection

Mfr	Part #	Length
Tractel	H365001	65'
	H310001	100'

Ladder Safety / Systems

Basemate Ladder System

Extra wide footprint for a stable platform on uneven surfaces. Adjustable feet with ice pick features and non-slip rubber feet keep ladder from moving out of position. Attaches to most ladders in seconds. Patented leveling mechanism features effortless one foot operation.

Mfr	Part #	Weight
Guardian	2475	11 lb



Safe-T™ Ladder Extension System

Designed to attach over the top of the ladder and provide a safe and easy transition from the ladder to a second surface. Requires no tools, drilling or bolting to hold it securely in place. The unit provides two offsetting handrails that can be used to walk through and step on or off of the ladder.

Mfr	Part #	Weight
Guardian	10800	15 lb



Lock-N-Climb

Adds safety and security to 16' to 40' extension ladders. Composed of 6061-Grade Aluminum. Spring loaded and attaches easily to extension ladders for commercial and industrial use.

Mfr	Part #	Description	Weight
Guardian	2460	For 16' - 20' Extension Ladders	9.5 lb
	2465	For 24' - 40' Extension Ladders	13.75 lb



Ladder Stability Anchor

Allows for secure attachment, without penetration, of the fascia board or to rafters. Ideal for workers needing to access rooftops of existing or new homes. No special tools are required and it only takes seconds to attach. Includes 2' and 3' Velcro straps.

Mfr	Part #	Weight
Guardian	10808	2 lb

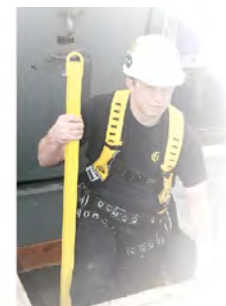
Complies with OSHA regulation 1926.1053(b)(1)



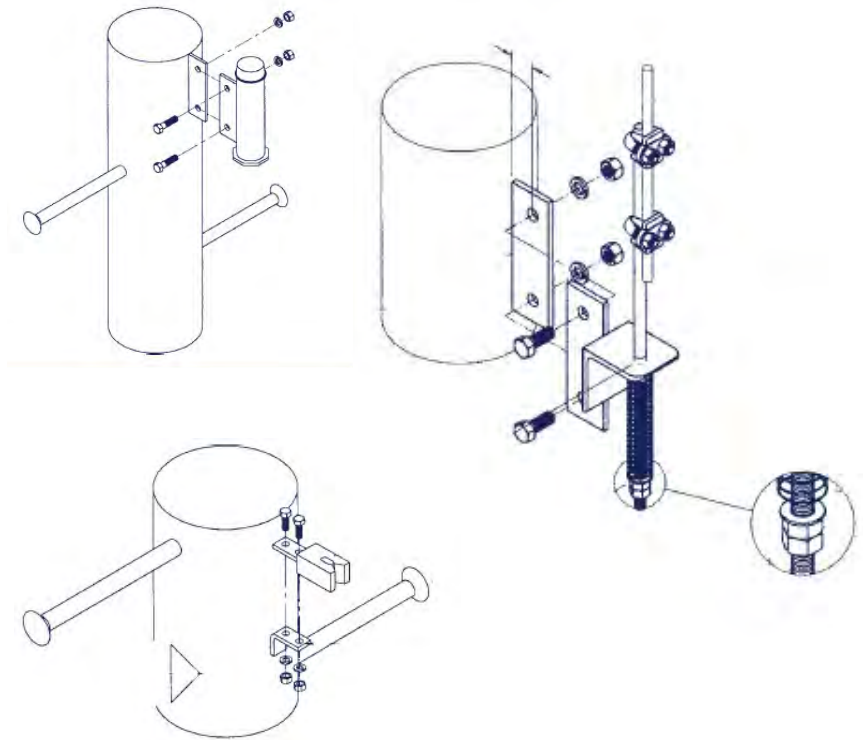
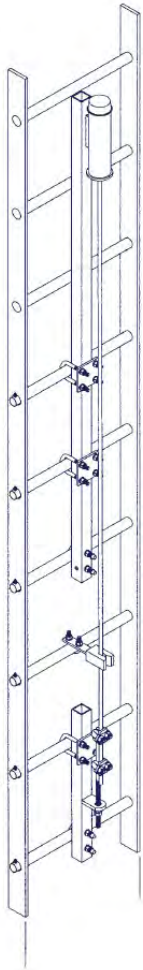
Ladder Assist

Simple hand support device. Easily attaches to most permanent ladders. Spring loaded design.

Mfr	Part #	Weight
Guardian	15104	21 lb



Safety Climbs



Tower Safety Climb

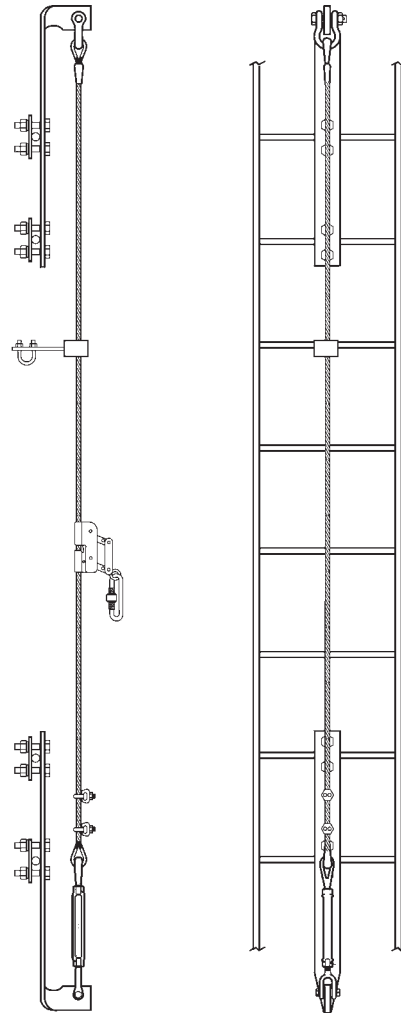
Mfr	Part #	Description
Tower		
	6116280	Fixed Ladder System, Flex Top Bracket, Galvanized, 1-1/8" Rung, Tri-Rung
Capital Safety	6100090	Fixed Ladder System, Flex Bottom Bracket, Galvanized
	6100400	Fixed Ladder System, Flex Cable Guide with U bolt, Galvanized, for 1-1/8" rung (requires 1 every 25')
Flex Cable		
	6110000	Flex Cable, 3/8" 1 x 7 Galvanized, specify length in feet

Monopole Safety Climb

Mfr	Part #	Description
Monopole		
	6116261	Steel Pole System, Flex Top Bracket, Weld On or Bolt On (If no bracket exists on the pole, use 6100710 weld on bracket)
	6100035	Steel Pole System, Flex Bottom Bracket, Bolt On (If no bracket exists on the pole, use 6100710 weld on bracket)
Capital Safety	6100710	Steel Pole System, Flex Weld On Stand Off Bracket for Top and Bottom Bracket, Stainless Steel (requires 2 per system if brackets do not already exist on pole)
	6100430	Steel Pole System, Flex Cable Guide with 2 bolts to attach to 6100136 weld on bracket, Galvanized (requires 1 every 25')
	6100136	Steel Pole System, Flex Cable Guide Support Bracket to attach to 6100430 cable guides, Stainless Steel (requires 1 every 25')
Flex Cable		
	6110000	Flex Cable, 3/8" 1 x 7 Galvanized, specify length in feet

[More Safety Climbs >>>](#)

Safety Climbs (cont.)



Sure-Climb™ Temporary Cable System

- Quick & easy attachment to approved ladder or structure
- Applications include telecommunication towers, light poles, water towers, hydroelectric towers, stacks, and any other climbable structure
- 5/16" galvanized steel cable
- Integral shock absorber
- Includes anchor bracket, anchor shackle, cable guides, wire rope clips, turnbuckle, and cable
- Uses stainless steel fall arrester* (order separately)

Mfr	Part #	Description
		Temporary Cable System
	SFPLS353050	Sure-Climb System with Integral Shock Absorber, 50' (16 m)
MSA	SFPLS353100	Sure-Climb System with Integral Shock Absorber, 100' (30 m)
		Fall Arrester*
	10040010	Sure-Climb Slider (Fall Arrester) with Carabiner

Meets all applicable OSHA regulations and ANSI standards, and CSA certified
Additional lengths available from 50' up to 200' in 50' increments

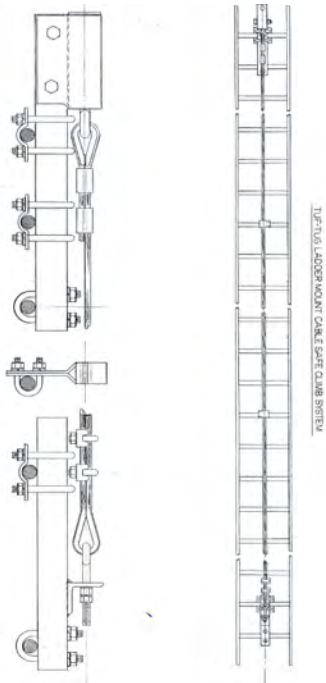
Sure-Climb™ Permanent Cable System

- Applications include telecommunication towers, light poles, water towers, hydroelectric towers, stacks, and any other climbable structure
- 5/16" galvanized steel cable
- Energy-absorbing, galvanized steel top and bottom mounting brackets
- Incorporates cable guides to minimize cable vibration & wear
- Includes anchor bracket, anchor shackle, cable guides, wire rope clips, turnbuckle, and cable
- Uses stainless steel fall arrester* (order separately)

Mfr	Part #	Description
		Permanent Cable System
	SFPLS350050	Sure-Climb System, 50' (16 m)
MSA	SFPLS350100	Sure-Climb System, 100' (30 m)
		Fall Arrester*
	10040010	Sure-Climb Slider (Fall Arrester) with Carabiner

Meets all applicable OSHA regulations and ANSI standards, and CSA certified
Additional lengths available from 20' up to 300' in 10' increments

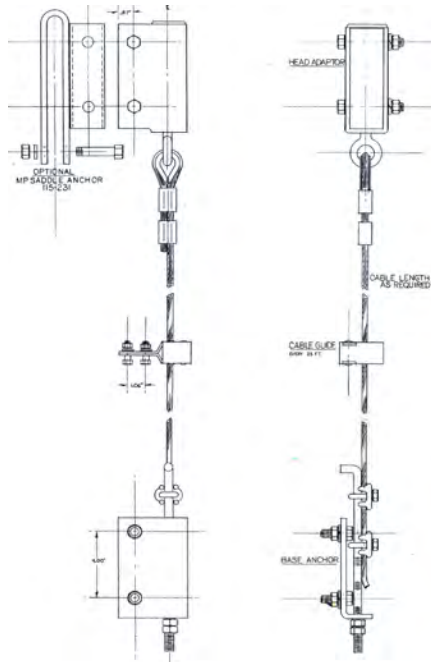
Safety Climbs (cont.)



Standard Ladder Mounted Safety Climb System

Mfr	Part #	Description
Tuf-Tug	115-114-PRIM	Heavy Duty Upright Mounting Bracket Solid Rung Ladders spaced no more than 15" apart, 1-1/8" Rung
	115-203-PRIM	Ladder Mounted Cable Guide with U Bolt for 1-1/8" Rung (requires 1 every 25')
	115-202/115-110-PRIM	Ladder Mounting Bottom Bracket Assembly

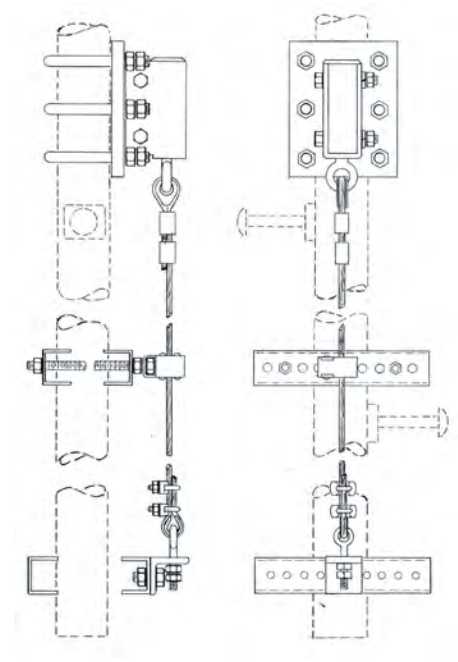
Order cable assembly below



Pole Mounted Safety Climb System

Mfr	Part #	Description
Tuf-Tug	115-231-PRIM	Universal Saddle Mount Top Bracket (use if pole does not have a tab weldment at the top)
	115-303-PRIM	Monopole Cable Guide, Bolt Style (requires 1 every 25')
	115-309/115-310-PRIM	Monopole Bottom Bracket Assembly

Order cable assembly below



Round Leg Mounted Safety Climb System

Mfr	Part #	Description
Tuf-Tug	115-243-PRIM	Universal Round Leg Head Adapter Bracket 1-1/2" to 5" OD
	120-203-PRIM	Universal Leg Adapter Bracket for Stud Mounted Cable Guide Attachment 2" to 8" OD Leg (requires 1 every 25')
	115-317-PRIM	Cable Guide, Stud Mounted (requires 1 every 25')
	115-107/120-203-PRIM	Round Leg Bottom Bracket Assembly

Order cable assembly to the bottom left

Cable Assembly for the Above Systems

Mfr	Part #	Length	Description
Tuf-Tug	TTMP-50'CHA-PRIM	50'	Cable Assembly, Cable & Head Assembly, Factory Swaged Head with Impact Attenuator
	TTMP-100'CHA-PRIM	100'	
	TTMP-150'CHA-PRIM	150'	
	TTMP-200'CHA-PRIM	200'	
	TTMP-250'CHA-PRIM	250'	
	TTMP-300'CHA-PRIM	300'	
	TTMP-350'CHA-PRIM	350'	
	TTMP-400'CHA-PRIM	400'	
	TTMP-450'CHA-PRIM	450'	
	TTMP-500'CHA-PRIM	500'	

Please call for custom applications:
If you can climb it, TUF-TUG can build a system to climb it!

Fall Protection

Confined Space



Salalift® II and 7' Tripod Rescue System

- Includes tripod and Salalift II winch
- Winch features 60' (18 m) of galvanized 1/4" (6.4 mm) steel cable
- UL classified 7' (2.1 m) aluminum tripod
- Complete with quick-mount bracket for Salalift II winch attachment
- 350 lbs. rated working load for work support and 310 lbs. for fall arrest

Mfr	Part #
Capital Safety	8300030

Additional models available



7' Aluminum Tripod with 50' Retrieval SRL

- Designed for durability and light weight; easy to set up and transport
- 50' (15 m) SRL with retrieval, bag for SRL
- UL classified 7' (2.1 m) aluminum tripod
- 350 lbs. rated working load for work support and 310 lbs. for fall arrest

Mfr	Part #
Capital Safety	8301000



8' Tripod with 50' Galvanized Winch, 50' Galvanized SRL

- 8' max height tripod
- 50' (15 m) galvanized cable winch
- 50' (15 m) 3/16" galvanized cable SRL
- 5,000 lb. anchor point
- 1 man

Mfr	Part #	Description
Capital	AA805AG	System
Safety	AA805AG2	System, with tripod bag



Economy EZE-Man™ 7' Confined Space System

- Includes deluxe EZE-Man Winch 3:1 ratio, tripod pulley, tripod head assembly, tripod leg assembly, 1 auto-lock carabiner*, yoke, bags for toting, tripod, winch, and harness, 1 five D-ring Universal® harness, rope grab with lanyard, and nylon rope lifeline
- Man-rated to 375 lbs.

Mfr	Part #	Length
Elk River	05612	50'
	05614	100'

*All snaphooks & carabiners meet ANSI Z359.1-2007 standards



EZE-Man™ Confined Space System

- Includes deluxe EZE-Man Winch 3:1 ratio, tripod pulley, tripod head assembly, tripod leg assembly, 2 auto-lock carabiners*, yoke, bags for toting, tripod, winch, and harness, 1 five D-ring Universal® harness, and a Panther® SRL
- Man-rated to 375 lbs.

Mfr	Part #	Length
Elk River	05632	50'
	05635	65'

*All snaphooks & carabiners meet ANSI Z359.1-2007 standards



Workman® 8' Tripod

- 8' max height tripod with aluminum legs and head reduced weight
- Accessories attach to any leg for faster set-up
- Skid-resistant feet with built-in leg base support strap improves stability & strength
- 4 attachment points on tripod head
- Maximum personnel capacity: 400 lbs.

Mfr	Part #
MSA	10102002

Meets ANSI Z359.1, EN 795, & OSHA regulations

Confined Space (cont.)



Confined Space Entry Kit

- Makes it easy to order a confined space system
- Features:
 - Lynx rescuer which allows for non-entry rescue of a confined space entrant
 - Lynx hoist designed for lifting, lowering, and positioning of personnel & materials

Mfr	Part #
MSA	10105271

ANSI A10.32, CSA certified,
Meets OSHA standards



Tripod Confined Space Entry Kit #1

- Split Mount Pulley
- Rescuer Mounting Bracket for Tripod
- Rescuer 16 m
- 8' Tripod
- Includes carry bags for Tripod & Rescuer
- Also includes training video and tripod carrying strap

Mfr	Part #
MSA	10117244



Tripod Confined Space Entry Kit #3

- Pulley/Bracket Assembly
- Side Mount Hoist with 50' galvanized line
- 8' Tripod
- Includes carry bags for Tripod, Rescuer, and Hoist
- Also includes training video and tripod carrying strap

Mfr	Part #
MSA	10023968



TerrAdaptor™ Tripod System

- TerrAdaptor™ Tripod Head
- 2 Offset Leg Clamps with 3 Load Locking Pins each
- Main Attachment Pin
- 3 Leg Kits complete with Ball Feet, Hobble Plates & Baskets
- Center Leg Clamp with 3 Load Locking Pins each 3 Rope Hobble Sections
- Cotter Pin Kit
- Leg Coupling Pin
- 2 Lash Ring with 1 Coupling Pin each
- TerrAdaptor™ Head/ Accessory Bag
- 2 TerrAdaptor™ Leg Bag

Mfr	Part #
PMI	SM230100N

Certified NFPA 1983, G



TerrAdaptor™ Quadpod Attachment System

- Quadpod Head Attachment
- Leg kit complete with Ball Foot, Hobble Plate & Basket, Center Leg Clamp with 3 Load Locking Pins each, Main Attachment Pin, Rope Hobble Section

Mfr	Part #
PMI	SM230105



Fallstop Man-rated Drum Winch

- Designed for lifting or lowering workers in confined space rescue situations or for hoisting materials
- 2 independent braking systems
- Mounting bracket for Tractel tripod

Mfr	Part #	Description
	HD26074	50'
PMI	HD26098	100'
	HD26075	200'

Carabiners and Hooks

Steel Carabiners



Steel Carabiner
3600 lb gate, auto twist-lock, pin 2-1/16" opening

Mfr Part #
Elk River 17420

ANSI Z359.1-2007



Steel Carabiner
2-1/4" gate opening, auto twist-lock, fall rated, 3600 lb. (3.6M) gate

Mfr Part #
Elk River 17426

ANSI Z359.1-2007



Steel Carabiner
2" gate opening, auto twist-lock, pin, fall rated, 3600 lb. (3.6M) gate opening

Mfr Part #
Elk River 17435

ANSI Z359.1-2007



Steel Carabiner
3600 lb gate, auto twist-lock, pin, 1" opening

Mfr Part #
Elk River 17440

ANSI Z359.1-2007



Captive Eye Carabiner
3/4" gate opening, auto twist-lock, fall rated, 3600 lb. (3.6M) gate

Mfr Part #
Elk River 13190

ANSI Z359.1-2007



Steel Carabiner
1-1/16" gate opening, auto twist-lock, pin, fall rated, 3600 lb. (3.6M) gate

Mfr Part #
Elk River 17443

ANSI Z359.1-2007



Steel Carabiner
1/2" gate opening, auto twist-lock, fall rated, 3600 lb. (3.6M) gate

Mfr Part #
Elk River 17450

ANSI Z359.1-2007



Steel Carabiner
3/4" gate opening, auto twist-lock, pin, fall rated, 3600 lb. (3.6M) gate

Mfr Part #
Elk River 17451

ANSI Z359.1-2007



Steel Carabiner
2-1/4" twist-lock gate opening, 3600 lb gate, and captive pin option

Mfr Part #
FallTech 8447

ANSI Z359.1-2007,
Z359.12-2009



Steel Carabiner
1" twist-lock gate opening, 3600 lb gate, and captive pin option

Mfr Part #
FallTech 8450

ANSI Z359.1-2007,
Z359.12-2009



Steel Carabiner
7/8" twist-lock gate opening, 3600 lb gate

Mfr Part #
FallTech 8445

ANSI Z359.1-2007,
Z359.12-2009



Locking Steel Carabiner
3/4" gate opening, fall rated, 5000 lb.

Mfr Part #
Guardian 01813-S-HS

ANSI Z359.1-2007



Steel Carabiner
3600 lb self closing/locking gate, 1" opening

Mfr Part #
MSA 10089207

ANSI Z359.1-2007



Steel Carabiner
3600 lb gate, auto twist-lock, pin, 2.1" opening

Mfr Part #
MSA 10089209

ANSI Z359.1-2007



OXIAN TRIACT-LOCK Steel Carabiner
3600 lb gate, 3/4" opening

Mfr Part #
Petzl M72TLA

ANSI Z359.1-2007



OXIAN TRIACT-LOCK Steel Carabiner
Black, 3600 lb gate, 3/4" opening

Mfr Part #
Petzl M72TLN

ANSI Z359.1-2007



VULCAN TRIACT-LOCK Steel Carabiner
3600 lb gate, 1-1/8" opening

Mfr Part #
Petzl M73TLA

ANSI Z359.1-2007



VULCAN TRIACT-LOCK Steel Carabiner
Black, 3600 lb gate, 1-1/8" opening

Mfr Part #
Petzl M73TLN

ANSI Z359.1-2007



SMC ANSI LITE Steel Carabiner
Auto lock, 3600 lb gate, 1" opening

Mfr Part #
PMI SM102100

ANSI Z359.1-2007



VIPER STEEL TW Carabiner
3600 lb gate, 1-1/16" keylock gate, 16kN

Mfr Part #
SKYLOTEC H-002

ANSI Z359.12, CSA
Z259.12



Steel D Tri Carabiner
3600 lb gate, 3/4" tri-lock gate, 16kN

Mfr Part #
SKYLOTEC H-132

ANSI Z359.12, CSA
Z259.12



Big Angle TW Carabiner
3600 lb gate, Scaffold-angled 2-1/8" twist-lock gate, 16kN

Mfr Part #
SKYLOTEC H-143

ANSI Z359.12, CSA
Z259.12



Big Angle TW Carabiner
3600 lb gate, Scaffold round 2" twist-lock gate, 16kN

Mfr Part #
SKYLOTEC H-144

ANSI Z359.12, CSA
Z259.12



Big V TW Carabiner
3600 lb gate, Ladder-style 1-1/8" twist-lock gate, 16kN

Mfr Part #
SKYLOTEC H-145

ANSI Z359.12, CSA
Z259.12



Little D TW Carabiner
3600 lb gate, 1/2" twist-lock gate, KeyLoc, 16 kN

Mfr Part #
SKYLOTEC H-147

ANSI Z359.12, CSA
Z259.12



Super D TW Carabiner
3600 lb gate, 1" twist-lock gate, KeyLoc, 16kN

Mfr Part #
SKYLOTEC H-149

ANSI Z359.12, CSA
Z259.12



Sidewinder TW Carabiner
3600 lb gate, 1-3/4" twist-lock gate, KeyLoc, 16kN

Mfr Part #
SKYLOTEC H-150

ANSI Z359.12, CSA
Z259.12

Aluminum Carabiners



Aluminum Captive Eye Carabiner
3/4" gate opening, auto-twist lock, fall rated, 3600 lb. (3.6M) gate

Mfr	Part #
Elk River	13195

ANSI Z359.1-2007



Aluminum Carabiner
2" gate opening, auto twist-lock, pin, fall rated, 3600 lb. (3.6M) gate

Mfr	Part #
Elk River	17237

ANSI Z359.1-2007



Locking Aluminum Carabiner
3/4" gate opening, fall rated, 5000 lb.

Mfr	Part #
Guardian	01813-A-HS

ANSI Z359.1-2007



Aluminum Carabiner
2" twist-lock gate opening, 3600 lb gate, and captive pin option

Mfr	Part #
FallTech	8447A

ANSI Z359.1-2007, Z359.12-2009



Aluminum Carabiner
7/8" twist-lock gate opening, 3600 lb gate, and captive pin option

Mfr	Part #
FallTech	8466A

ANSI Z359.1-2007, Z359.12-2009



Big AL TW Large Round Aluminum Carabiner
2" twist-loc gate; KeyLoc 16kN

Mfr	Part #
SKYLOTEC	H-151

ANSI Z359.12, CSA Z259.12



KOBRA AL TW Captive Eye Aluminum Carabiner
Captive eye 3/4" twist-loc gate, 16kN

Mfr	Part #
SKYLOTEC	H-152

ANSI Z359.12, CSA Z259.12



AL PEAR TW Aluminum Pear Carabiner
3/4" twist-loc gate, 16kN

Mfr	Part #
SKYLOTEC	H-153

ANSI Z359.12, CSA Z259.12

Snaphooks



Separator Zsnaphook
3/4" gate opening, fall rated, 3600 lb. (3.6M) gates

Mfr	Part #
Elk River	13450

ANSI Z359.1-2007



Zsnaphook
3/4" gate opening, fall rated - 3600 lb. (3.6M) gate

Mfr	Part #
Elk River	13101

ANSI Z359.1-2007



Centurion Fall Indicator Swivel Snaphook
Fall indicator, autolock, 3600 lb gate, 3/4" opening

Mfr	Part #
Elk River	13321

ANSI Z359.1-2007



Steel CenturionZ Swivel Snaphook
Autolock 3600 lb gate, 3/4" opening

Mfr	Part #
Elk River	13314

ANSI Z359.1-2007



Swivel Zrebar Hook
2-1/2" gate opening, fall indicator, fall rated, 3600 lb. (3.6M) gate opening

Mfr	Part #
Elk River	13329

ANSI Z359.1-2007



Zrebar Hook
2-1/2" gate opening, 3600 lb. (3.6M) gate opening

Mfr	Part #
Elk River	13218

ANSI Z359.1-2007



Spreader Hook
3600 lb (3.6M) gate

Mfr	Part #
FallTech	8456

ANSI Z359.1-2007, Z359.12-2009



Swivel Rebar Snaphook
3600 lb (3.6M) gate, 2-1/4" opening

Mfr	Part #
SKYLOTEC	H-146

ANSI Z359.12, CSA Z259.12



ANSI Snaphook
3600 lb (3.6M) gate, 3/4" auto-lock gate

Mfr	Part #
SKYLOTEC	H-154

ANSI Z359.12, CSA Z259.12

Aluminum Carabiners

- Do Not Meet ANSI Standards-



WILLIAM TRIACT LOCK Aluminum Carabiner
1" gate, 25kN

Mfr	Part #
Petzl	M36TL*



Am'D SCREW LOCK Aluminum Carabiner
7/8" gate, 28kN

Mfr	Part #
Petzl	M34SL*



Am'D BALL LOCK Aluminum Carabiner
7/8" gate, 28kN

Mfr	Part #
Petzl	M34BL*



Am'D TRIACT LOCK Aluminum Carabiner
7/8" gate, 28kN

Mfr	Part #
Petzl	M34TL*



OK SCREW-LOCK Aluminum
3/4" gate, 24kN

Mfr	Part #
Petzl	M33 SL*

Certification(s) : CE EN 362, CE EN 12275 type B



OK TRIACT-LOCK Aluminum
3/4" gate, 24kN

Mfr	Part #
Petzl	M33 TL*

Certification(s) : CE EN 362, CE EN 12275 type B



MGO Steel Connector
2-1/8" gate, 25kN

Mfr	Part #
Petzl	MGO60*

* This part does NOT meet ANSI Z359.1-2007 Standards

Rope

Load Rope

NOVABLUÉ Polyester Double Braided Load Rope

- High strength and high abrasion resistance
- Constructed from the highest quality UV stabilized yarns
- Balanced core and cover construction insures long wear
- Factory spliced eyes, thimbles, and custom color ropes



Double Braid Soft Eye

- Factory spliced and lock stitched
- 1/2" diameter has standard 6" long eye
- 5/8" diameter has standard 8" long eye
- Stronger than rope tensile



Double Braid Eye with Thimble

- Factory spliced and lock stitched
- Heavy duty galvanized thimble
- Stronger than rope tensile

Mfr	Description	Tensile Strength	Standard Ends Part #	Soft Eye (One End) Part #	Thimble Eye (One End) Part #
Novatec Braids	3/8" x 600'	4,900 lbs	NB38600	N/A	N/A
	3/8" x 1200'	4,900 lbs	NB381200	N/A	N/A
	1/2" x 600'	10,400 lbs	NB12600	NB12600SE6	NB12600GT
	1/2" x 1200'	10,400 lbs	NB121200	NB121200SE6	NB121200GT
	5/8" x 600'	16,000 lbs	NB58600	NB58600SE8	NB58600GT
	5/8" x 1200'	16,000 lbs	NB581200	NB581200SE8	NB581200GT

Meets or exceeds ANSI Z 359-07 Fall Protection Std.
U.S. MIL Spec # MIL-R-24677 (upon request)
CDN MIL Spec #40-GP-16M (upon request)

* Design working load maximum for fiber ropes is 1/5 average tensile strength.

* Knots can decrease tensile strength by 50% or more while factory spliced eyes will not impact rope tensile strength.

ALL LINE Polyester Double Braid Load Rope

Mfr	Description	Tensile Strength	Part #
All Line	3/8" x 600'	3,420 lbs	DYB06EE-4242
	1/2" x 300'	5,940 lbs	DYB160-03EE-4242
	1/2" x 600'	5,940 lbs	DYB160-06EE-4242
	1/2" x 1200'	5,940 lbs	DYB160-12EE-4242
	5/8" x 600'	9,000 lbs	DYB20-06EE-4242
	5/8" x 1200'	9,000 lbs	DYB20-12EE-4242

11 mm (7/16") Static Kernmantle Rope

PMI 11 mm (7/16") Static Kernmantle Rope

- "Time tested" burly sheath design makes it a favorite for professionals who must routinely subject ropes to high abrasion applications
- Available in seven colors

11 mm (7/16") PMI Static Kernmantle Rope

Rope size	White/Black	Yellow/Black	Orange/Black	Red/Black	Blue/Black	Red	Black
11 mm (7/16") x 46 m (150')	RR110WB046E	RR110YB046E	RR110OB046E	RR110RB046E	RR110BB046E	RR110RD046E	RR110BL046E
11 mm (7/16") x 92 m (300')	RR110WB092E	RR110YB092E	RR110OB092E	RR110RB092E	RR110BB092E	RR110RD092E	RR110BL092E
11 mm (7/16") x 183 m (600')	RR110WB183E	RR110YB183E	RR110OB183E	RR110RB183E	RR110BB183E	RR110RD183E	RR110BL183E

Petzl Vector 11 mm (7/16") Static Kernmantle Rope

- Versatile rope designed for difficult to access environments and for fall protection
- Fusion Process™ helps maintain the rope's shape and gives it excellent handling
- Available in four colors

11 mm (7/16") Petzl Static Kernmantle Rope

Rope size	White	Red	Blue	Black
11 mm (7/16") x 46 m (150')	R1146W	R1146R	R1146B	R1146N
11 mm (7/16") x 61 m (200')	R1161W	R1161R	R1161B	R1161N
11 mm (7/16") x 183 m (600')	R11183W	R11183R	R11183B	R11183N
11 mm (7/16") x 366 m (1200')	R11366W	-	-	R1136N

Certified NFPA 1983, T, CE CI1801, STATIC

12.5 mm (1/2") Static Kernmantle Rope

PMI 12.5 mm (1/2") Static Kernmantle Rope

- Classic 6,6 nylon line for any rugged or harsh environment
- High abrasion resistance makes this the toughest rope for any professional
- Available in seven colors

12.5 mm (1/2") PMI Static Kernmantle Rope

Rope size	White/Orange	Yellow/White	Red/White	Blue/White	Black	Blue	Red
12.5 mm (1/2") x 46 m (150')	RR125WO046E	RR125YW046E	RR125RW046E	RR125BW046E	RR125BK046E	RR125BL046E	RR125RD046E
12.5 mm (1/2") x 92 m (300')	RR125WO092E	RR125YW092E	RR125RW092E	RR125BW092E	RR125BK092E	RR125BL092E	RR125RD092E
12.5 mm (1/2") x 183 m (600')	RR125WO183E	RR125YW183E	RR125RW183E	RR125BW183E	RR125BK183E	RR125BL183E	RR125RD183E

Petzl Vector 12.5 mm (1/2") Static Kernmantle Rope

- Rope designed specifically for fire rescue teams
- Fusion Process™ helps maintain the rope's shape and gives it excellent handling
- Available in six colors

12.5 mm (1/2") Petzl Static Kernmantle Rope

Rope size	White	Red	Blue	Yellow	Orange	Black
12.5 mm (1/2") x 46 m (150')	R1246W	R1246R	R1246B	R1246Y	R1246O	-
12.5 mm (1/2") x 61 m (200')	R1261W	R1261R	R1261B	R1261Y	R1261O	-
12.5 mm (1/2") x 183 m (600')	R12183W	R12183R	R12183B	R12183Y	R12183O	R12183N
12.5 mm (1/2") x 366 m (1200')	R12366W	-	-	-	-	R12366N

16 mm (5/8") Static Kernmantle Rope

PMI 16 mm (5/8") Static Kernmantle Rope

- Extra heavy duty work horse that is easy to grip
- Can take on any job

16 mm (5/8") PMI Static Kernmantle Rope

Rope size	White/Orange	Yellow/White	Red/White	Blue/White	Black	Blue	Red
16 mm (5/8") x 46 m (150')	RR160WO046E	RR160YW046E	RR160RW046E	RR160BW046E	RR160BK046E	RR160BL046E	RR160RD046E
16 mm (5/8") x 92 m (300')	RR160WO092E	RR160YW092E	RR160RW092E	RR160BW092E	RR160BK092E	RR160BL092E	RR160RD092E
16 mm (5/8") x 183 m (600')	RR160WO183E	RR160YW183E	RR160RW183E	RR160BW183E	RR160BK183E	RR160BL183E	RR160RD183E

Custom lengths are available. Call Primus for all of your rope needs at (800) 435-1636.

[More Rope >>>](#)

PMI Sewn Eyes

- Streamlined permanent termination
- No knots
- Nearly as strong as the rope
- Stronger than knots

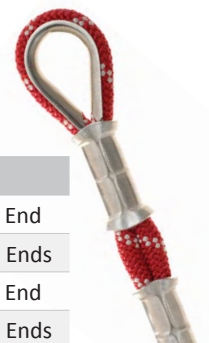
Mfr	Part #	Rope Diameter	Description
PMI	KT36084	11 mm (7/16")	Sewn One End
	KT36085	11 mm (7/16")	Sewn Two Ends
	KT36080	12.5 mm (1/2")	Sewn One End
	KT36083	12.5 mm (1/2")	Sewn Two Ends



PMI Swaged Terminations

- Formed using aluminum sleeves and a stainless steel thimble
- High strength termination
- Stronger than knots

Mfr	Part #	Rope Diameter	Description
PMI	KT36027	11 mm (7/16")	Swaged One End
	KT36028	11 mm (7/16")	Swaged Two Ends
	KT36025	12.5 mm (1/2")	Swaged One End
	KT36026	12.5 mm (1/2")	Swaged Two Ends



Rope

11 mm (7/16") and 13 mm (33/64") Access Pro Rope

PMI 11 mm (7/16") and 13 mm (33/64") Access Pro Rope

- PMI Access Pro Rope is engineered for performance and flexibility
- With a polyester sheath and nylon core, this rope is a perfect choice for Rope Access and Fall Protection

11 mm (7/16") PMI Access Pro Rope



Rope size	Red/Black
30 m (100')	IR110RB030P
46 m (150')	IR110RB046P
61 m (200')	IR110RB061P
92 m (300')	IR110RB092P
183 m (600')	IR110RB183P

- Important Info:**
- 32 carrier construction
 - Polyester sheath
 - Nylon core
 - A superior hand for Fall Arrest and Rope Access applications
 - Weight: 84 g/m
 - MBS: 27.7 kN (6266 lbf)
 - Elongation: 3.4% at 300 lbf, 4.4% at 600 lbf, 9.9% at 1000 lbf
 - Certified NFPA 1983, T CI 1801 Low Stretch, CE

13 mm (33/64") PMI Access Pro Rope



Rope size	Red/White	White/Red
30 m (100')	IR130RW030P	IR130WR030P
46 m (150')	IR130RW046P	IR130WR046P
61 m (200')	IR130RW061P	IR130WR061P
92 m (300')	IR130RW092P	IR130WR092P
183 m (600')	IR130RW183P	IR130WR183P

- Important Info:**
- 32 carrier construction
 - Polyester sheath
 - Nylon core
 - A superior hand for Fall Arrest and Rope Access applications
 - Weight: 117 g/m
 - MBS: 47 kN (10566 lbf)
 - Elongation: 2.6% at 300 lbf, 4.9% at 600 lbf, 8.4% at 1000 lbf
 - Certified CI 1801 Low Stretch, CE

5/8" Standard Poly Steel Rope with Snaphook End

This heavy duty 5/8" thick poly rope resists cuts and abrasions and possesses an attached self-locking carabiner. The complete assembly includes: shock absorber, positioning device, 18" extension lanyard and two double locking snaphooks. No tangle lifeline available with swivel snaphook.

Mfr	Part #	Size	Weight
Guardian	01330	25'	2.90 lb
	01340	50'	5.00 lb
	01350	75'	7.00 lb
	01360	100'	9.00 lb
	01365	150'	11.00 lb
	01345	200'	13.00 lb

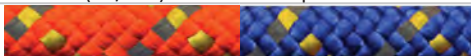


10 mm (25/64") and 11.5 mm (7/16") Talon Rope

PMI 10 mm (25/64") and 11.5 mm (7/16") Talon Rope

- PMI Talon is the best of both worlds for experienced rope users
- This rope combines the hand, durability and higher friction from PMI® Classic nylon ropes with virtually no elongation

10 mm (25/64") PMI Talon Rope



Rope size	Orange/Grey/Yellow	Blue/Grey/Yellow
30 m (100')	PR100OX030NP	PR100BX030NP
46 m (150')	PR100OX046NP	PR100BX046NP
61 m (200')	PR100OX061NP	PR100BX061NP
92 m (300')	PR100OX092NP	PR100BX092NP
183 m (600')	PR100OX183NP	PR100BX183NP
200 m (656')	PR100OX200NP	PR100BX200NP

- Important Info:**
- NFPA Certified
 - 16 carrier construction
 - 6,6 nylon sheath
 - Polyester core
 - Resists flattening under load
 - Weight: 64 g/m
 - MBS: 22 kN (4946 lbf)
 - Elongation: 1.2% at 300 lbf, 2.0% at 600 lbf, 2.8% at 1000 lbf
 - Certified: NFPA 1983, T CI1801, Static

11.5 mm (7/16") PMI Talon Rope



Rope size	Orange/Black/Yellow	Blue/Black/Yellow
30 m (100')	PR110OX030NP	PR110BX030NP
46 m (150')	PR110OX046NP	PR110BX046NP
61 m (200')	PR110OX061NP	PR110BX061NP
92 m (300')	PR110OX092NP	PR110BX092NP
183 m (600')	PR110OX183NP	PR110BX183NP
200 m (656')	PR110OX200NP	PR110BX200NP

- Important Info:**
- NFPA Certified
 - 16 carrier construction
 - 6,6 nylon sheath
 - Polyester core
 - Resists flattening under load
 - Weight: 96 g/m
 - MBS: 27 kN (6070 lbf)
 - Elongation: 1.1% at 300 lbf, 1.9% at 600 lbf, 2.5% at 1000 lbf
 - Certified: NFPA 1983, T CI1801, Static

11.5 mm (7/16") and 13 mm (33/64") Isostatic Rope

PMI 11.5 mm (7/16") and 13 mm (33/64") Isostatic Rope

- PMI Isostatic is specifically designed with super low elongation for specialty applications such as highlines and wherever professional rope technicians require absolute minimal elongation
- These ropes are engineered to stay rounder and have less sheath slippage than conventional kernmantle polyester ropes

11.5 mm (7/16") PMI Isostatic Rope

					
Rope size	White/Black/Green	Orange/Black/Green	Blue/Black/Green	Black/Green/White	Red/Black/Green
30 m (100')	PR110WG030PP	PR110OG030PP	PR110BG030PP	PR110KG030PP	PR110RG030PP
46 m (150')	PR110WG046PP	PR110OG046PP	PR110BG046PP	PR110KG046PP	PR110RG046PP
61 m (200')	PR110WG061PP	PR110OG061PP	PR110BG061PP	PR110KG061PP	PR110RG061PP
92 m (300')	PR110WG092PP	PR110OG092PP	PR110BG092PP	PR110KG092PP	PR110RG092PP
183 m (600')	PR110WG183PP	PR110OG183PP	PR110BG183PP	PR110KG183PP	PR110RG183PP
200 m (656')	PR110WG200PP	PR110OG200PP	PR110BG200PP	PR110KG200PP	PR110RG200PP

Important Info:

- NFPA Certified
- 32 carrier construction
- 100% Polyester Construction
- Resists flattening under load
- Weight: 96 g/m
- MBS: 31 kN (6969 lbf)
- Elongation: 1.2% at 300 lbf
1.5% at 600 lbf
2.2% at 1000 lbf
- Certified NFPA 1983, T CI1801, Static

13 mm (33/64") PMI Isostatic Rope

					
Rope size	White/Green/Black	Orange/White/Green	Blue/White/Green	Black/White/Green	Red/White/Green
30 m (100')	PR130WG030PP	PR130OG030PP	PR130BG030PP	PR130KG030PP	PR130RG030PP
46 m (150')	PR130WG046PP	PR130OG046PP	PR130BG046PP	PR130KG046PP	PR130RG046PP
61 m (200')	PR130WG061PP	PR130OG061PP	PR130BG061PP	PR130KG061PP	PR130RG061PP
92 m (300')	PR130WG092PP	PR130OG092PP	PR130BG092PP	PR130KG092PP	PR130RG092PP
183 m (600')	PR130WG183PP	PR130OG183PP	PR130BG183PP	PR130KG183PP	PR130RG183PP
200 m (656')	PR130WG200PP	PR130OG200PP	PR130BG200PP	PR130KG200PP	PR130RG200PP

Important Info:

- NFPA Certified
- 32 carrier construction
- 100% Polyester Construction
- Resists flattening under load
- Weight: 125 g/m
- MBS: 42 kN (9442 lbf)
- Elongation: 0.7% at 300 lbf
1.2% at 600 lbf
2.0% at 1000 lbf
- Certified: NFPA 1983, G CI1801, Static

Rope Bags and Rope Accessories >>>

Rope Accessories

Rope Bags



Rope Bags

- 1000 denier heavy coated Cordura
- Double-sewn seams
- Drawstring closure
- 1" tubular handles with rope insert
- 5/8" grommet on side of bag
- Pocket for rope history card
- Internal clip-in loop at bottom of bag

Small

10-1/2" x 14-1/2"

Mfr	Part #	Color
PMI	RB44010	Black
	RB44011	Blue
	RB44012	Red
	RB44009	Orange

Standard

10-1/2" x 21-1/2"

Part #	Color
RB44013	Black
RB44014	Blue
RB44015	Red
RB44026	Orange

Large

10-1/2" x 25"

Part #	Color
RB44016	Black
RB44017	Blue
RB44018	Red
RB44027	Orange

Rope Packs



Rope Packs

- 1000 denier heavy coated Cordura
- Double-sewn seams
- Drawstring closure
- Padded backpack straps
- 5/8" grommet on side of bag
- Pocket for rope history card
- Internal clip-in loop at bottom of bag

Standard

10-1/2" x 20"

Mfr	Part #	Color
PMI	RB44043	Black
	RB44042	Blue
	RB44041	Red
	RB44040	Orange

Large

10-1/2" x 25"

Part #	Color
RB44019	Black
RB44020	Blue
RB44021	Red
RB44028	Orange

X-Large

16" x 23"

Part #	Color
RB44022	Black
RB44023	Blue
RB44024	Red
RB44029	Orange

XX-Large

16-1/2" x 28"

Part #	Color
RB44058	Black
RB44057	Blue
RB44056	Red
RB44055	Orange



Deluxe Rope Pack

- 1000 denier heavy coated Cordura
- Double-sewn seams
- Drawstring closure
- Roomy rope compartment
- Padded backpack straps
- 5/8" grommet on side of bag
- 2" webbing carrying handles
- 2 large outside pockets with snap buckle closure
- Internal clip-in loop at bottom of bag

Large

10-1/2" x 25"

Mfr	Part #	Color
PMI	RB44004	Blue
	RB44006	Red
	RB44002	Orange

PMI Rope Capacities

Max Rope Length (Classic Static)

	10 mm	11 mm	12-1/2 mm	16 mm	Diameter	Wall Height	Volume (cubic inches)
Small	80 m	70 m	46 m	30 m	10-1/2"	14-1/2"	1256
Medium	120 m	100 m	75 m	61 m	10-1/2"	21-1/2"	1862
Large	160 m	120 m	92 m	75 m	10-1/2"	25"	2165
X-Large	250 m	200 m	170 m	140 m	16-1/2"	24"	5132
XX-Large	285 m	230 m	200 m	160 m	16-1/2"	28"	5987

Rope Accessories



Caterpillar Articulated Protector

- Protects a moving rope from abrasion
- Modules are connected with quick links
- Each module can be positioned independently to adapt to the terrain
- Sold as a kit: 4 modules and 6 links

Mfr	Part #
Petzl	P68



Edge Roller System

- Anodized aluminum
- Lightweight
- Anodized aluminum
- Folds for compact storage
- More flexible than fixed edge rollers
- 22" L x 5" W

Mfr	Part #
PMI	HD26086



Spiroll®

- Protection for stationary ropes
- Rugged polyurethane material
- Single rope use
- For ropes greater than 9.5 mm
- Perfect for anchors
- Easily moveable
- Internal clip-in loop at bottom of bag
- Length: 23.5"

Mfr	Part #	Color
	RC48032	Orange
PMI	RC48033	Black



Protec Flexible Protection

- Protects a fixed rope from abrasion
- Lightweight, durable PVC sheath
- Velcro® closure and clip for easy and quick installation

Mfr	Part #
Petzl	C45



Rope ID Kit

- Record important information on ID tags
- Includes 6 tags & 12" of shrink tube
- Marks any rope
- Easy to apply
- Long-lasting

Mfr	Part #
PMI	RC48030



Laundry Bag

- Black polyester mesh bag
- Great for washing rope & webbing and for keeping rope sorted
- Works with front or top load machines
- Holds 250' of 11 m Classic Static

Mfr	Part #
PMI	RB44046



Bokat Rope Washer

- Hook up to hose then turn on water & pull rope through
- Built-in brush scrubs dirt off
- Easy to use
- Use with PMI Rope Soap (RC48031)

Mfr	Part #
PMI	RC48002



Rope Soap

- Gently removes dirt, oil, grease, soot, smoke, and other grime
- 1 bottle does up to 12 loads
- Mix 6 to 8 oz with 15 gallons of water
- Biodegradable
- Low pH
- 2.25 lbs

Mfr	Part #
PMI	RC48031



Rope Cutter

- Heats and seals up to 1"
- Come with a 2-5/16" blade

Mfr	Part #
All Line	ALC1-HKRC-0115



Whip End Dip

- Water-based liquid vinyl compound sealant
- Seals rope ends to prevent fraying
- Perfect for color coding multiple ropes
- Easy to apply
- Available in three colors
- 4 oz.

Mfr	Part #	Color
	RC48011	Clear
PMI	RC48012	Red
	RC48013	White

Rigging

Rigging Plates



Small Aluminum Paw Rigging Plate

- For easy organization of the work area & for creating multiple anchor systems
- Excellent strength to weight ratio
- 19 mm holes allow the locking sleeves of most carabiners to pass through

Mfr	Part #
Petzl	P63S



Medium Aluminum Paw Rigging Plate

- For easy organization of the work area & for creating multiple anchor systems
- Excellent strength to weight ratio
- 19 mm holes allow the locking sleeves of most carabiners to pass through

Mfr	Part #
Petzl	P63M



Large Aluminum Paw Rigging Plate

- For easy organization of the work area & for creating multiple anchor systems
- Excellent strength to weight ratio
- 19 mm holes allow the locking sleeves of most carabiners to pass through

Mfr	Part #
Petzl	P63L



SMC Mini Rigging Plate

- Light but strong mini-rigging plate
- Large carabiner holes
- High quality 6061 aircraft grade aluminum for strength, durability, and corrosion resistance

Mfr	Part #	Color
	SM130301N	Black
PMI	SM130302N	Blue

Certified NFPA 1983, G ANSI Z359.1



SMC NFPA Rigging Plate

- Anodized aluminum
- Contoured edges are easy on ropes, webbing, and carabiners
- Each oval hole accepts 2 large carabiners, while large center hole accepts many connections
- Holes are numbered for quick identification

Mfr	Part #	Color
PMI	SM130005	Red

Certified NFPA 1983, G ANSI Z359.1

Rope Termination Plates



5/8" Termination Plate

Mfr	Part #
MSA	SRIW1000



Rope Termination Plate

- 5/8" and 3/4" 3-Strand rope
- 7/16" and 1/2" Kernmantle rope

Mfr	Part #	Description
	V4260	Plate only
Tractel	V4260C1	Plate with Carabiner

Complies with 5,000 lb (22.2 kN) minimum strength rating without an eye splice.



Hold Me Rope Anchor

- Size: 10" (L) x 2" (W) x 5/16" (H)
- Holes: 1" (D)
- Convenient lifeline connection point
- Reusable lightweight aluminum
- Attached carabiner to top hole for attachment to anchor point

Mfr	Part #
Guardian	01300

TWINTEX Endless Roundslings

Mfr	Color Code	Capacity in Tons			Min. Length	Approx. Diameter (no load)	Approx. Weight per foot (lbs.)	Part # 3ft	Part # 4ft	Part # 6ft	Part # 8ft	Part # 10ft	Part # 12ft
		Vertical	Choker	Vertical Basket									
Spanset	Purple	2,600	2,100	5,200	3'	0.625	0.3	E30x3	E30x4	E30x6	E30x8	E30x10	E30x12
	Green	5,300	4,200	10,600	3'	0.875	0.4	E60x3	E60x4	E60x6	E60x8	E60x10	E60x12
	Yellow	8,400	6,700	16,800	3'	1.125	0.5	E90x3	E90x4	E90x6	E90x8	E90x10	E90x12
	Tan	10,600	8,500	21,200	3'	1.125	0.6	E120x3	E120x4	E120x6	E120x8	E120x10	E120x12
	Red	13,200	10,600	26,400	3'	1.375	0.8	E150x3	E150x4	E150x6	E150x8	E150x10	E150x12
	White	16,800	13,400	33,600	6'	1.375	0.9	E180x3	E180x4	E180x6	E180x8	E180x10	E180x12
	Blue	21,200	17,000	42,400	6'	1.625	1.3	E240x3	E240x4	E240x6	E240x8	E240x10	E240x12

Liftex Nylon Eye and Eye Slings

Eye & Eye Nylon Sling Capacity Chart													
Mfr	Web Width (in.)	Rated Capacity (lbs.)			Eye Dimensions			Part # 4ft	Part # 6ft	Part # 8ft	Part # 10ft	Part # 12ft	
		Vertical	Choker	Vertical Basket	Width	Length	Minimum Standard Length						
Liftex	One Ply	1	1,600	1,250	3,200	1"	9"	3'	EE1-91x4	EE1-91x6	EE1-91x8	EE1-91x10	EE1-91x12
		2	3,200	2,500	6,400	2"	9"	4'	EE1-92x4	EE1-92x6	EE1-92x8	EE1-92x10	EE1-92x12
		3	4,800	3,800	9,600	1-1/2"	9"	4'	EE1-93x4	EE1-93x6	EE1-93x8	EE1-93x10	EE1-93x12
		4	6,400	5,000	12,800	1-1/2"	12"	4'	EE1-94x4	EE1-94x6	EE1-94x8	EE1-94x10	EE1-94x12
	Two Ply	1	3,200	2,500	6,400	1"	9"	3'	EE2-91x4	EE2-91x6	EE2-91x8	EE2-91x10	EE2-91x12
		2	6,400	5,000	12,800	2"	9"	3'	EE2-92x4	EE2-92x6	EE2-92x8	EE2-92x10	EE2-92x12
		3	8,600	6,900	17,200	1-1/2"	9"	4'	EE2-93x4	EE2-93x6	EE2-93x8	EE2-93x10	EE2-93x12
		4	11,500	9,200	23,000	1-1/2"	12"	4'	EE2-94x4	EE2-94x6	EE2-94x8	EE2-94x10	EE2-94x12

Rigging

Cable Hoist/Pullers

- Solid steel construction
- Dual-ratchet drive design
- Fiberglass handles available



Small Frame

Mfr Part #	Capacity	Reach
Tuf-Tug TT1-15C	1000 lb Lift/2000 lb Pull	15' Single Line
Tuf-Tug TT2-7.5C	2000 lb Lift/4000 lb Pull	7.5' Double Line

Medium Frame

Mfr Part #	Capacity	Reach
TT2000-12C	1000 lb Lift/2000 lb Pull	12' Single Line
Tuf-Tug TT3000-6C	1500 lb Lift/3000 lb Pull	6' Double Line
TT15/30-12CDC	1500 lb Lift/3000 lb Pull	12' Single Line, 6' Double Line
TT4000-6C	2000 lb Lift/4000 lb Pull	6' Double Line

Large Frame

Mfr Part #	Capacity	Reach
TT3000-12C	1500 lb Lift/3000 lb Pull	12' Single Line
Tuf-Tug TT25/50-20CDC	2500 lb Lift/5000 lb Pull	20' Single Line, 6' Double Line
TT6000-6C	3000 lb Lift/6000 lb Pull	6' Double Line

Compact Cable Hoist Puller with Carry Case

Mfr Part #	Capacity	Reach
Tuf-Tug TT1500-15C-FHB	750 lb Lift/1500 lb Pull	15' Single Line
Tuf-Tug TT3000-7.5C-FHB	1500 lb Lift/3000 lb Pull	7.5' Double Line

Compact Cable Hoist Puller with Carry Case



Tuf-Tug Web-Strap Hoist/Pullers

- Solid steel construction
- Dual-ratchet drive design
- Fiberglass handles available



Small Frame

Mfr Part #	Capacity	Reach
Tuf-Tug TT1-8W	1000 lb Lift/2000 lb Pull	8' Single Line
TT2-4W	2000 lb Lift/4000 lb Pull	4' Double Line
TT1-25W	2000 lb Pull Only	25' Single Line, 4' Take-up

Medium Frame

Mfr Part #	Capacity	Reach
Tuf-Tug TT2000-8W	1000 lb Lift/2000 lb Pull	8' Double Line
TT4000-4W	2000 lb Lift/4000 lb Pull	4' Double Line
TT2000-25W	2000 lb Pull Only	25' Single Line, 4' Take-up

Large Frame

Mfr Part #	Capacity	Reach
Tuf-Tug TT3000-12W	1500 lb Lift/3000 lb Pull	12' Single Line
TT6000-6W	3000 lb Lift/6000 lb Pull	6' Double Line

Compact Cable Hoist Puller with Carry Case

Mfr Part #	Capacity	Reach
Tuf-Tug TT1500-8W-FHB	750 lb Lift/1500 lb Pull	8' Single Line
TT3000-4W-FHB	1500 lb Lift/3000 lb Pull	4' Double Line
TT1500-25W-FHB	1500 lb Pull Only	25' Single Line

Rigging

Crosby Blocks & Latches



418 Block w/ Hook
Forged alloy heat treated hooks
Order safety latch separately

Mfr	Part #	Dia.	Wire Rope Size (in)	Working Load Limit
Crosby	108038	3"	5/16-3/8"	2 ton
	108065	4-1/2"	3/8-1/2"	4 ton
	108127	6"	5/8-3/4"	8 ton
	Latches			
	1096421	Latch for 418 Block 3"		
	1096468	Latch for 418 Block 4.5"		
	1096562	Latch for 418 Block 6" to 14"		



419 Block with Shackle
Forged steel shackles

Mfr	Part #	Dia.	Wire Rope Size (in)	Working Load Limit
Crosby	109037	3"	5/16-3/8"	2 ton
	109064	4-1/2"	3/8-1/2"	4 ton
	109126	6"	5/8-3/4"	8 ton

Replacement Sheaves

Brushed bronze sheaves

Mfr	Part #	Description
Crosby	2023196	for 418/419 Block 3"
	2023183	for 418/419 Block 4.5"
	2023137	for 418/419 Block 6"

Buckingham Rigging Blocks



These unique rigging blocks can be installed and retrieved from the ground. 3 ton working load limit. For use with 5/8" rigging line.

Mfr	Part #
Buckingham	5006L

Kearney Blocks



3" Handline Block

Aluminum with Hook & Latch
Up to 5/8" rope
1,000 lb safe working load

Mfr	Part #
Kearney	303B4PH



4" Handline Block

Aluminum with Hook & Latch
Up to 7/8" rope
2,500 lb safe working load

Mfr	Part #
Kearney	404B2PJ

Capstans

1,000 lb



115 Vac Capstan Hoist with Foot Switch
1,000 lbs

Mfr	Part #
AB Chance	C308-1170



C Bracket w/ Mounting Bolts
for 1,000 lb Hoist

Mfr	Part #
AB Chance	C308-0890



Swivel Bracket for 1,000 lb Hoist

Mfr	Part #
AB Chance	C308-0903



Reese Hitch Receiver Mount
for 1,000 lb Hoist

Mfr	Part #
AB Chance	T308-0999



All Purpose Chain Mount Bracket, Pole, Pipe, Angle
for 1,000 lb Hoist

Mfr	Part #
AB Chance	C308-1335

3,000 lb



115 Vac Capstan Hoist with Foot Switch
3,000 lbs

Mfr	Part #
AB Chance	C308-1370



C Bracket w/ Mounting Bolts
for 3,000 lb Hoist

Mfr	Part #
AB Chance	C308-1443

Both 1,000 and 3,000 lb



Rope Lock Device with Hardware
Both 1,000 and 3,000 lbs

Mfr	Part #
AB Chance	C308-0856



Replacement Foot Pedal
Both 1,000 and 3,000 lbs

Mfr	Part #
AB Chance	C417-0337

Tuf-Tug Rope Hoist/Puller



Rope Hoist/Block and Tackle

- 350 lb Lift/700 lb Pull
- 12' Reach (50' Rope)
- Cam Lever Load Lock
- Hooks with Latch

Mfr	Part #
Tuf-Tug	TTRH700-50

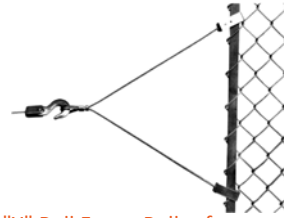
Hoist/Puller Accessories



Wire Clamp Puller for Smooth and Barbed Wire

- 1,000 lb load capacity
- Solid steel construction
- Zinc plated against corrosion

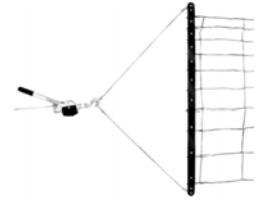
Mfr	Part #
Tuf-Tug	TTWC-1000



"Y" Pull Fence Puller for Chain Link or Welded Wire

- 2,000 lb pull capacity
- Evens pull force across fence

Mfr	Part #
Tuf-Tug	TT-Y-PC



Field Fence Pull Bar

- 1,000 lb pull capacity
- Clamps across standard 4 ft. field fence
- Complete with attachment cables
- Reusable

Mfr	Part #
Tuf-Tug	TTFPP-BAR

Tuf-Tug Blocks & Latches

3"



3" Drop Side Snatch Block with Swivel Eye
Up to 1/2" Wire Rope
2,000 lb Capacity

Mfr	Part #
Tuf-Tug	TTSNB-2000SE



3" Drop Side Snatch Block with Hook & Latch
Up to 1/2" Wire Rope
2,000 lb Capacity

Mfr	Part #
Tuf-Tug	TTSNB-2000SH



3" Aluminum Bolt Style Snatch Block with Swivel Eye
Up to 1/2" Wire Rope
2,000 lb Capacity

Mfr	Part #
Tuf-Tug	ALSNB-2000SE



3" Aluminum Bolt Style Snatch Block with Hook & Latch
Up to 1/2" Wire Rope
2,000 lb Capacity

Mfr	Part #
Tuf-Tug	ALSNB-2000SH



3" Aluminum Drop Side Snatch Block Plain
Up to 1/2" Wire Rope
2,000 lb Capacity

Mfr	Part #
Tuf-Tug	ALDSB-2000P

4"



4" Drop Side Snatch Block with Swivel Eye
Up to 5/8" Wire Rope
3,000 lb Capacity

Mfr	Part #
Tuf-Tug	TTSNB-3000SE



4" Drop Side Snatch Block with Hook & Latch
Up to 5/8" Wire Rope
3,000 lb Capacity

Mfr	Part #
Tuf-Tug	TTSNB-3000SH



4" Aluminum Bolt Style Snatch Block with Swivel Eye
Up to 5/8" Wire Rope
3,000 lb Capacity

Mfr	Part #
Tuf-Tug	ALSNB-3000SE



4" Aluminum Bolt Style Snatch Block with Hook & Latch
Up to 5/8" Wire Rope
3,000 lb Capacity

Mfr	Part #
Tuf-Tug	ALSNB-3000SH



4" Aluminum Drop Side Snatch Block Plain
Up to 5/8" Wire Rope
3,000 lb Capacity

Mfr	Part #
Tuf-Tug	ALDSNB-3000P

6"



6" Drop Side Snatch Block with Swivel Eye
Up to 5/8" Wire Rope
6,000 lb Capacity

Mfr	Part #
Tuf-Tug	TTSNB-6000SE



6" Drop Side Snatch Block with Hook & Latch
Up to 5/8" Wire Rope
6,000 lb Capacity

Mfr	Part #
Tuf-Tug	TTSNB-6000SH

Jobsite Essentials

Econo Mac Reel Stands

Summer Econo Mac 75 Reel Jack with Roller Wheels

- Self-lubricating roller bearings; no grease required
- Quick-action lock washer for fast positioning
- Fall Guard feature to reduce pinching
- One-bolt disassembly-no welding required for service
- Capacity: 2,500 lbs.
- Range: 23.75" to 52.75"

Mfr	Part #
Sumner	780935

Reel Mac Spindle

- Designed to be used with Reel Mac reel jacks

Mfr	Part #
Sumner	780230



Signs



RF Site Guidelines Sign
Vinyl Decal with Self-Adhesive Back, 11" x 8.5"

Mfr	Part #
RSI	6401D

RF Site Guidelines Sign
Mounting Holes 11" x 8.5"

Mfr	Part #
RSI	6401P

Blue NOTICE BEYOND THIS POINT RF Sign
Mounting Holes, 12" x 18"

Mfr	Part #
RSI	6403

Yellow CAUTION BEYOND THIS POINT RF Sign
12" x 18"

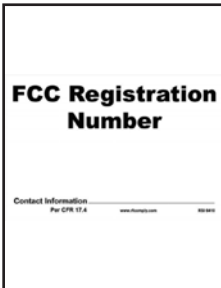
Mfr	Part #
RSI	6404

Red WARNING RF BEYOND THIS POINT Sign
12" x 18"

Mfr	Part #
RSI	6405

Red WARNING CONTACT CURRENT / RF BURN Sign
12" x 18"

Mfr	Part #
RSI	6407



FCC Tower Registration Sign
Blank, Mounting Holes 12" x 18"

Mfr	Part #
RSI	6410



Blue "NOTICE" COMPETENT CLIMBER ONLY Sign
12" X 18"

Mfr	Part #
RSI	6412



Red "WARNING" RF BEYOND THIS POINT Sign
12" x 18"

Mfr	Part #
RSI	6418



CAUTION CLIMBING PATH OBSTRUCTED Sign
with Wire Rope Clips

Mfr	Part #
Tuf-Tug	TTCAUTION



DANGER DO NOT USE SAFETY CLIMB Sign
with Wire Rope Clips

Mfr	Part #
Tuf-Tug	TTDANGER



WARNING PLATFORM NOT INTENDED FOR PERSONNEL ACCESS Sign
with Wire Rope Clips

Mfr	Part #
Tuf-Tug	TTWARNING

Compasses



Sight Master Compass

Azimuth,
Graduated to 1°
Estimates to 1/4°

Mfr	Part #
Brunton	31196



Nomad V2 Digital Compass

Resolution: 1°
Accuracy: ±2°

Mfr	Part #
Brunton	37508



KB-20 Vista Compass

Plastic, Azimuth,
Floats/Waterproof,
Graduated to 1°
Estimates to 1/2°

Part #	Color
37021	Yellow
37022	Graphite



KB-14 Compasses

Aluminum with Nylon
Carrying Case

Part #	Description
37010	Azimuth, Graduated to 1/2° Estimates to 1/4°

37015	Quadrant, Graduated to 1° Estimates to 1/2°
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Part #	Description
37049	Declination Adj. Azimuth, Graduated to 1/2° Estimates to 1/4°



KB-14Q Compass

Aluminum,
Quadrant,
Declination Adj.,
Graduated to 1°
Estimates to 1/2°

Mfr	Part #
Suunto	37052



Cordura Compass Case

Fits most
compasses

Mfr	Part #
Suunto	37004

Compass/Clinometer



Survey Master Compass/Clinometer

Compass scales 0-360° are accurate to ±1/2°.
Clinometer scales 0-90° and 0-150% are
accurate to 1/4°.

Mfr	Part #
Brunton	31999



Tandem Compass/Clinometer

Aluminum, Azimuth, Compass graduated
in 1/2°, Clinometer graduated in 1° & 1%.
Includes Case.

Part #	Description
31192	Tandem Compass/Clinometer Declination Adj.
31193	Tandem Compass/Clinometer with Declination Adj.

Clinometers



Clino Master Clinometer

The 10x magnification parallax-free
lens provides distortion-free
readings

Part #	Description
31198	Scale: 0±90° & 0±150%
31199	Scale: 0 to 200' (66' from object) and 0 to 150%



Clinometer

Solid aluminum housing with jeweled bearing assembly. Parallax-free lens.

Part #	Description
43830	Percent & Degree Scales. PM5/360PC. ±150%, ±90°. Cosines to 45° on back.
43895	Percent & Topographic Scales. PM5/66PC. ±150%, ±200' @ 66' baseline. Percent/degree conversions on back.
43896	Degree & Topographic Scales PM5/66. ±90°, ±200' @ 66' Baseline. Cosines to 45° on back.
43840	Percent and secant scales*. PM5/SPC. ±150% secant values x 100 – 100 to ±500. Percent/degree conversions on back.

*Secant scale allows you to determine correct horizontal distances and compensate for slope when using the percent scale for height measurements. You can also eliminate prism rotation in point sampling.

Jobsite Essentials

Altimeter/Barometers



Nomad V2 Pro Compass with Altimeter/Barometer

Features 20 altimeter memories and records accumulated and maximum altitude.
Resolution: Altimeter, 1 ft/m;
Barometer, 0.02 inHg (1 mbar/hpa)

Mfr	Part #
Brunton	37508

GPS System



Garmin® Montana™ 650 GPS

Features a 5 MP autofocus digital camera with automatic geo-tagging, allowing you to mark, remember, and navigate back to the exact spot in the future.

- Bright 4" 65k color TFT dual orientation display
- Waterproof
- Built-in 3-axis tilt-compensated electronic compass
- Barometric altimeter
- 12 Receiver channels
- GPS Antenna: High sensitivity, patch
- WAAS Capable: Yes
- Acquisition Time: 0:15 - 0:45
- Accuracy: ±15 m
- Battery: Rechargeable lithium-ion (included) or (3) AA batteries (not included)
- Battery life: 16 hours (lithium-ion) or 22 hours (AA)



Mfr	Part #	Description
	39075	GPS Unit
Garmin	39313	Suction Cup Mount
	33921	12V Adapter
Duracell	243-PC1500BKD	AA Cell Alkaline Batteries, 24 Pack

Rangefinders



RX1000 Rangefinder

Pocket-sized and packed with features. Less than 4" long with vivid display.

- Range: 10 to 1,000 yards
- Accuracy: ±1/2 yd
- Magnification: 6x

Mfr	Part #
Leupold	90991



Elite 1600 ARC Rangefinder

Provides distance readings from 5 to 1,600 yards and features 3 selective targeting modes. 100% waterproof rubber armoured housing.

Range: 5 yards minimum;
500 yards to a deer;
1,000 yards to a tree;
1,600 yards reflective

Accuracy: ±1 yd
Magnification: 7x

Mfr	Part #
Bushnell	91124



Scout 1000ARC Laser Rangefinder

Utilizes turboprocessor that optimizes measurement accuracy based on target conditions.

- Range: 5 to 1,300 yards
- Accuracy: ±1/2 yd
- Magnification: 6x

Mfr	Part #
Bushnell	91358

Electronic Levels

- Washable electronics
- Fast and accurate read
- 2 screen visibility with no loss of frame strength
- Bent levels void warranty
- Electronics guaranteed for 2 years
- Electronic illuminates
- 5 mode reading (degrees in 1 or 2 decimal points, percent, feet & inches in decimal, feet & inches in fractions, and mm/m).

Mfr	Part #	Description
	36514	14" IP65 TECH Level with Case
Stabila	36524	24" IP65 TECH Level with Case
	36548	48" IP65 TECH Level with Case



Carrying Case Included

Transits and Theodolites

Brunton Induction-Damped Pocket Transits

Accurate, reliable transits feature aluminum housings



Pocket Transit
Azimuth (0-360°),
Graduations to 1°
Dimensions: 2-3/4" x 3" x 1-1/8"
Mfr Part #
Brunton 37215



Pocket Transit
Quadrant (0-90-0°)
Graduations to 1°
Dimensions: 2-3/4" x 3" x 1-1/8"
Mfr Part #
Brunton 37225



Transit Accessories



Extension Tripod
19.5" to 48"
Mfr Part #
Brunton 37250



Jacob Staff
54"
Mfr Part #
Brunton 37380



Jacob Staff
54"
Mfr Part #
Brunton 37390



Leather Tape Holster
Mfr Part #
Brunton 37300

Other Accessories not pictured:

Mfr	Part #	Description
Brunton	37240	Tripod Adapter – threaded ball and socket yoke screws on extension tripod or Jacob's staff adapter
Brunton	37260	Jacob Staff Adapter, fits 37240



Digital Transit/Theodolite

An electronic transit with a 10-second digital readout, measures horizontal & vertical angles using an incremental encoder detection system and vertical compensator

Mfr	Part #	Description
CST/Berger	43698	DGT-10 Digital Theodolite

Telescope: Magnification, 30x; Resolving power, 2.5"; Minimum focus, 53" (1.3 m). Angle measurement accuracy, 10"; Display resolution: Selectable, horizontal and vertical, 5"/10" (3/5mog).

Accessories

CST/Berger	37542	Aluminum 42-65" Extension Tripod w/Quick-Release Clamps
CST/Berger	37681	Wood/Fiberglass 42-72" Tripod w/Quick-Release Clamps



Waterproof Digital Theodolites

Mfr	Part #	Description
Topcon	37837	DT-207 Waterproof Digital Theodolite

Telescope: Magnification, 30x; Resolving power, 2.5"; Minimum focus, DT-207, 90 cm. Angle measurement accuracy: 7". Display resolution: Selectable, horizontal and vertical, 5"/10" (1mgon/2mgon).

Topcon	37839	DT-209 Waterproof Digital Theodolite
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Telescope: Magnification, 26x; Resolving power, 3"; Minimum focus, DT-209, 90 cm. Angle measurement accuracy: 9". Display resolution: Selectable, horizontal and vertical, 10"/20" (2mgon/5mgon).

Accessories

Topcon	37658	TP-10 Wood Extension Leg. 42" - 72" Tripod
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Jobsite Essentials

Safety Knives



Maxisafe Knife
Automatic blade "shoot back", Blunt Tip blade installed, GS tested for safety

Mfr	Part #
Martor USA	101106



Maxisafe 3-Sided Slider Knife
Automatic blade "shoot back", Blunt Tip blade installed, GS tested for safety

Mfr	Part #
Martor USA	101806



Megasafe Heavy Duty Knife
Aluminum handle, blade automatically retracts when it loses contact with material being cut, uses straight or hooked blade, Blunt Tip blade installed, GS tested for safety

Mfr	Part #
Martor USA	116006



ALLFIT Trapezoid Blades, Deep-Edged
100 ct box

Mfr	Part #
Martor USA	609-100



ALLFIT Trapezoid Blades, Blunt Tip
100 ct box

Mfr	Part #
Martor USA	60099-100

Wrenches

Adjustable-Head Construction Wrenches

- Versatile wrench fits nuts and bolts to 1-1/2" (38 mm)
- Eliminates the need for carrying several fixed-size wrenches
- Forged from select alloy steel with continuous-taper handle for aligning bolt and/or rivet holes
- Industrial black finish for corrosion resistance



Mfr	Part #	Max Size	Length
Klein Tools	3239	1-1/2"	16"

Erection Wrenches

- Forged from select alloy steel to withstand high-leverage and heavy loads
- Continuous taper of handle makes lining-up bolt holes easy and works on a range of bolt-hole sizes without binding
- Extra large hub area works on larger diameter holes better than other wrenches



Mfr	Nut Type	Bolt Size	Nominal Opening	Head Width	Taper Diameter	Overall Length	Part #
Klein Tools	US Heavy Nut	1/2"	7/8"	2-1/4"	7/8" to 3/16"	14-3/4"	3210
		5/8"	1-1/16"	2-1/4"	7/8" to 3/16"	14-3/4"	3211
		3/4"	1-1/4"	2-1/2"	1" to 1/4"	16-5/8"	3212
		7/8"	1-7/16"	3"	1-1/8" to 9/32"	17-3/8"	3213
		1"	1-5/8"	3-5/8"	1-1/8" to 1/4"	18"	3214
	US Regular Nut	1/2"	3/4"	2-1/4"	7/8" to 3/16"	14-3/4"	3219
		1/2"	13/16"	2-1/4"	7/8" to 3/16"	14-3/4"	3220
		5/8"	1"	2-1/4"	7/8" to 3/16"	14-3/4"	3221
		3/4"	1-1/8"	2-1/2"	1" to 1/4"	16-5/8"	3222
		7/8"	1-5/16"	3"	1-1/8" to 9/32"	17-3/8"	3223
	US Utility Nut	1"	1-1/2"	3-5/8"	1-1/8" to 1/4"	18"	3224
		5/8"	15/16"	2-1/4"	7/8" to 3/16"	14-3/4"	3231
		3/4"	1-1/16"	2-1/2"	1" to 1/4"	16-5/8"	3232

Measuring Tapes



Klein Tools High Visibility Tape
1" x 25' power return
16" & 19.2" stud-center marks

Mfr	Part #
Klein Tools	928-25HV



Klein Tools High Visibility Tape
1" x 25', Magnetic tip, dual end hook, double-sided tape, power return, rubber grip

Mfr	Part #
Klein Tools	918-25RE



25' Power-Return Rule – Magnetic Tip Tape,
1" x 25', magnetic tip, power return, rubber grip

Mfr	Part #
Klein Tools	916-25RE



25' Power-Return Rule – Double-Sided
Easy reading of elevations, flat surface, and pipe conduit measurements

Mfr	Part #
Klein Tools	908-25



Keson® K-Line High Speed Rewind Fiberglass Tapes
1/2" PVC-coated fiberglass tapes. Graduated in feet, inches, 8ths on one side; feet, 10ths, 100ths on other side.

Mfr	Part #	Description
	39921	100' High Speed Rewind
Keson	39922	200' High Speed Rewind
	39923	300' High Speed Rewind



Keson® RoadRunner® Distance Measuring Wheels
Plastic-covered, five-digit counter that measures to 9,999' in inches and feet, completely enclosed gears, zero reset button, telescopic handles and more

Mfr	Part #	Description
	39010	RR-418 RoadRunner Measuring Wheel, 15-1/2" Diameter, 4' Circumference
Keson	39024	RR-318 RoadRunner Measuring Wheel, 12-1/2" Diameter, 3' Circumference

Flashlight/Wands



Flashlight output: 10,000 beam candlepower; requires 2 D Cell Batteries (not included). Flashlight's lens ring accepts a 6.5" snap-in wand (sold separately).

Mfr	Part #	Description
Bright Star	2458	Heavy Duty Industrial Flashlight
	2459	6.5" Red Snap-in Wand for 2458 Flashlight



Hand Wipes

Waterless Hand Wipes, 75 Pre-moistened 10.5" x 12.25" wipes per bucket

Mfr	Part #
Kimberly-Clark	63-WYPALLHANDWI

Climbing Helmets



Vertex® Vent Helmet
 Ventilated helmet with adjustable shutters for work at height & rescue, with chin strap and adjustable headband

Mfr	Part #	Color
Petzl	A10VBA	Blue
	A10VNA	Black
	A10VOA	Orange
	A10VRA	Red
	A10VWA	White
	A10VYA	Yellow

Certification: UIAA, ANSI Z89.1-2009 Type I Class C



Vertex® Best Helmet
 Comfortable helmet for work at height and rescue; unventilated shell protects against electrical hazards and molten metal splash

Mfr	Part #	Color
Petzl	A10BBA	Blue
	A10BNA	Black
	A10BOA	Orange
	A10BRA	Red
	A10BWA	White
	A10BYA	Yellow

Certification: CE, ANSI Z89.1-2003 Type 1 Class E



Vertex® Best Duo LED 14 Helmet
 Vertex Best helmet with waterproof hybrid headlamp for use in confined spaces, rescue, and night-time work

Mfr	Part #	Color
Petzl	A10BWE	White

Certification: CE, ANSI Z89.1-2003 Type 1 Class C



Alveo® Vent
 Lightweight, ventilated helmet with headlamp or goggle retainer, & elastic headband

Mfr	Part #	Color
Petzl	A20VRA	Red
	A20VWA	White
	A20VYA	Yellow

ANSI Z89.1-2009 Type I Class E



Alveo® Best
 Lightweight helmet with 3-point suspension, headlamp or goggle retainer, & cloth chinstrap

Mfr	Part #	Color
Petzl	A20BRA	Red
	A20BWA	White
	A20BYA	Yellow

ANSI Z89.1-2009 Type I Class E



Advantage Helmet
 Fully adjustable helmet with 3-point chinstrap, headlamp retainer, and goggle mount

Mfr	Part #	Color
PMI	HL33014	White
	HL33012	Red
	HL33011	Orange
	HL33013	Blue

Certified: NFPA 1951, ANSI Z359.1, Type 1



Pod Helmet
 Lightweight helmet for vertical work and confined spaces that accepts a Pelican MityLite 2420 (sold separately)

Mfr	Part #	Color
PMI	HL33026	White
	HL33025	Red
	UK4AA	Light
	HG32006	Yellow

Certified: ANSI Z89.1, Type 1



Ventilator Helmet
 Light-duty rescue helmet with a vent, 3-point chinstrap, headlamp retainer, earmuff clip & reflectors

Mfr	Part #	Color
PMI	HL33069	White
	HL33068	Red

Certified: ANSI Z89.1, Type 1

Warming and Cooling Head Protection (pages 75-76) >>>

Hard Hats



SmoothDome® Slotted Cap
Lightweight hard hat offers comfortable head protection. 4-point Fast-Trac suspension and accessory slots. Additional colors available including hi-viz and custom logo. 6-point suspension also available.

Mfr	Part #	Color
MSA	10074067	White
	10074071	Red
	10074069	Yellow
	10074068	Blue
	10074070	Orange

Meets ANSI/ISEA Z89.1-2009 (Class E) and CSA Z94.1-2005 (Class E)



V-Gard® Protective Hat
Non-slotted hard hat with polyethylene shell and Fas-Trac suspension

Mfr	Part #	Color
MSA	475369	White
	475371	Red
	475368	Blue

Additional colors available
Meets ANSI Z89.1-2003, Type 1 Class E



Skullgard® Protective Hat
Heavy-duty hat with Fas-Trac suspension. For use in steel mills and other industries where elevated temperatures are common.

Mfr	Part #	Color
MSA	475408	White
	475407	Tan

Meets ANSI Z89.1-2003, Type 1 Class G

Chinstraps



Plastic Chinstrap
Attaches to the shell

Mfr	Part #
MSA	88128

Elastic Chinstrap
Attaches to the suspension

Mfr	Part #
MSA	81391

Headlamps



Pelican 2420 MityLite
Corrosion proof, indestructible handheld light with twist turn to turn on. Submersible to 500'.

Mfr	Part #
PMI	HG32015



Spot Headlamp
3 SuperBright LED headlamp with 4 lighting levels and strobe

Mfr	Part #
PMI	HG32023



Cosmo Headlamp
Fully stormproof headlamp with 8 brightness settings and strobe

Mfr	Part #	Color
PMI	HG32017	Black
	HG32021	White



Ion Headlamp
Pocket-size headlamp with 1 SuperBright LED in a pivoting head; head or wrist mountable

Mfr	Part #
PMI	HG32018



e-Lite® Emergency Headlamp
Waterproof headlamp with whistle for use in emergency situations

Mfr	Part #
Petzl	E02 P3



Tikka 2 LED Headlamp
Headlamp with 3 lighting modes (maximum, economic, and strobe) and 4 LEDs

Mfr	Part #
Petzl	E93 PG



Tikka Plus 2 LED Headlamp
Headlamp with 1 high-output LED, 1 red LED, and 5 lighting modes (3 continuous and 2 blinking)

Mfr	Part #
Petzl	E97 PG



Tikka XP 2 LED Headlamp
Headlamp with one high-output LED, 1 red LED, and 5 lighting modes (3 continuous and 2 strobe) and wide angle lens

Mfr	Part #
Petzl	E99 PN



PIXA 1 Headlamp
Headlamp with wide, uniform beam, designed for close-range work.

Mfr	Part #
Petzl	E78AHB



PIXA 2 Headlamp
Headlamp with mixed beam, designed for close-range work and for movement.

Mfr	Part #
Petzl	E78BHB



PIXA 3 Headlamp
Multi-beam headlamp adapted for close-range work, for moving around and for long-range vision.

Mfr	Part #
Petzl	E78CHB

Safety Glasses

Virtua™ Protective Eyewear

- Lightweight, unisex protection eyewear
- Virtua Sport CCS (p/n 11796-00000-20) provides convenient access to hearing protection when it's needed



Clear lens Clear frame		Gray lens Side shields		Clear A/F lens Corded earplugs	
Mfr	Part #	Mfr	Part #	Mfr	Part #
3M	11326-00000-20	3M	11815-00000-20	3M	11796-00000-20

Nitrous™ Protective Eyewear

- Lightweight, unisex protection eyewear
- 11375-00000-20 reader protective eyewear features magnifying diopters



Clear lens Silver frame		Gray lens Side shields	
Mfr	Part #	Mfr	Part #
3M	11375-00000-20	3M	11802-00000-20

Easy-Flex™ Protective Eyewear

- Flex for a comfortable fit
- Polycarbonate lenses for high-impact protection
- Hard-coated lenses



Clear lens Blue-gray frame		Gray lens Blue-gray frame		Sky-orange lens Metallic frame	
Mfr	Part #	Mfr	Part #	Mfr	Part #
MSA	10070917	MSA	10070918	MSA	10070921

Pyrenees™ Protective Eyewear

- Dual injection soft tip temples
- Full-side protection
- Meets Z87+ and CSA Z94.3



Clear lens Black frame		Gray lens Black frame	
Mfr	Part #	Mfr	Part #
MSA	10033716	MSA	10033717

Trix Safety Glasses

- 99% UV protection
- Temples are universal length
- Meets ANSI Z87.1-2003



Clear lens Black frame		Gray lens Black frame	
Mfr	Part #	Mfr	Part #
Elvex	23287	Elvex	23288

XTS™ Safety Glasses

- Provides close fit with the face
- Anti-slip rubber temple tips and nose bridge
- Complies with ANSI Z87.1



Clear lens		Mirror lens		Gray lens		Blue lens	
Mfr	Part #	Mfr	Part #	Mfr	Part #	Mfr	Part #
Elvex	23170	Elvex	23171	Elvex	23168	Elvex	23213
ANSI Z87.1		ANSI Z87.1		ANSI Z87.1		ANSI Z87.1	



Striketeam Goggles

High-impact, anti-fog and anti-scratch lenses. Closed cell foam padding for a perfect fit.

Mfr	Part #
PMI	HL33023
ANSI compliant	

Safety Glasses Accessories



Standard Eyewear Lanyard

- Holds eyewear securely
- Clips into holes in eyewear temple ends
- Pack of 12

Mfr	Part #
MSA	10020872



Eyewear Cleaning Towelettes

- Pre-moistened towelettes
- Box of 100

Mfr	Part #
MSA	10022087

Head Liners

warming



N-Ferno® 6952 3-Layer Extreme Winter Liner

- Sherpa fleece comfort with warming pack pockets
- 3-layer nylon/foam/sherpa, single wash FR treated
- Shoulder length

Mfr	Part #
Ergodyne	6952



N-Ferno® 6852 2-Layer Cold Series Winter Liner

- With warming pack pockets for cold conditions
- 2-layer cotton/fleece
- Single wash FR treated
- Shoulder length with hook & loop chin wrap

Mfr	Part #
Ergodyne	6852



N-Ferno® 6850 2-Layer Cold Series Winter Liner

- With warming pack pockets for cold conditions
- 2-layer cotton/fleece
- Single wash FR treated
- Regular length with hook & loop chin wrap

Mfr	Part #
Ergodyne	6850



N-Ferno® 6970 Extreme Balaclava with Hot Rox™

- 2-piece, thick fleece covers neck, ears, head and face for ultra warmth
- Built-in heat exchanger provides warm air for inhalation in extreme conditions

Mfr	Part #
Ergodyne	6970



N-Ferno® Fleece Balaclava

- 320g Polyester Fleece for warmth
- Long length

Mfr	Part #
Ergodyne	6821



N-Ferno® Nomex® Balaclava

- Stretchable Nomex fleece keeps head and neck comfortable
- Provides FR protection with an ATPV value of 9.7 cal/cm²

Mfr	Part #
Ergodyne	6825



N-Ferno® Wind-proof Hinged Balaclava

- Fleece with wind-protectant fabric at most vulnerable places
- Unique hinged design
- 3-panel construction with flatlock stitching
- Long length

Mfr	Part #
Ergodyne	6823



Extended-Neck Zero Hood Winter Liner

- 1-piece, 2-ply liner
- Extended neck tucks into coat or jacket
- Nonmetallic Velcro-adjustable chinstrap

Mfr	Part #
MSA	88587



Knit Cap Winter Liner

- Made of Orlon material
- No chinstrap or other attachments
- Not for use around open flames, sparks, or molten metal

Mfr	Part #
MSA	34929



Stretch Winter Liner

- Mounts over brim of a hard hat
- Can adjust to cover neck and ears
- Not for use around open flames, sparks, or molten metal

Mfr	Part #
MSA	695350



N-Ferno® 6990 Hand-Style Warming Packs

- Self-contained packs add heat anywhere when exposed to air
- To activate, just open the pack
- Heat when comes into contact with oxygen

Mfr	Part #
Ergodyne	6990

Head Sweats

cooling



Chill-Its® 6602 Evaporative Cooling Towel

- Helps keep you cool
- Wear for hours, or wipe off for quick relief
- Simply re-wet the towel to reactivate

Mfr	Part #
Ergodyne	6602



Chill-Its® 6670CT Hard Hat Neck Shade with Cooling Towel

- Advanced PVA material activated easily and quickly when run under water for one minute
- Reusable, just re-wet
- Hook and loop straps

Mfr	Part #
Ergodyne	6670CT



Chill-Its® 6700CT Cooling Bandana with Cooling Towel Tie

- Advanced PVA material activated easily and quickly when run under water for one minute
- Reusable, just re-wet
- Tie-closure, Blue

Mfr	Part #
Ergodyne	6700CT

Also available in different patterns



Chill-Its® 6700 Evaporative Cooling Bandana-Tie

- Activated polymers bring cooling power where needed most
- Tie closure

Mfr	Part #	Color/Pattern
	6700SS	Stars & Stripes
Ergodyne	6700NW	Navy Western
	6700F	Flames

Also available in different patterns



Chill-Its® 6715 Evaporative Cooling Hard Hat Pad

- Attaches to hard hat suspension headband
- Lightweight, cooling acrylic polymers
- Hook & loop closures

Mfr	Part #
Ergodyne	6715



Chill-Its® 6716 Evaporative Cooling Hard Hat Liner

- Attaches to hard hat suspension headband
- Lightweight, cooling acrylic polymers
- Hook & loop closures

Mfr	Part #
Ergodyne	6716



Chill-Its® 6717 Cooling Hard Hat Pad with Neck Shade

- Attaches to hard hat suspension headband
- Lightweight, cooling acrylic polymers
- Protects neck from harmful UV rays

Mfr	Part #
Ergodyne	6717



Chill-Its® 6665 Evaporative Cooling Vest

- Quilted, nylon outer layer
- Activated, polymer-embedded fabric
- Water-repellent liner
- Lightweight, durable, and washable
- 100% nylon; in Silver and Lime

Mfr	Size	Gray Part #	Lime Part #
Ergodyne	Medium	6665M-G	6665M-L
	Large	6665L-G	6665L-L
	X-Large	6665XL-G	6665XL-L
	XX-Large	6665XXL-G	6665XXL-L

Also available in 3XL



Custom Terri-Band Sweatband

- Custom design fits all MSA helmets
- Washable
- Plastic snaps

Mfr	Part #
MSA	10068911



Chill-Its® 6607 Sponge Sweatband

- Keeps sweat out of eyes for comfort and safety
- Cellulose, absorbent sponge band
- Elasticized back
- Hand wash

Mfr	Part #
Ergodyne	6607



Chill-Its® 6609 Terry Sweatband

- Keeps sweat out of eyes
- Fits most hard hat suspension systems
- Machine washable

Mfr	Part #
Ergodyne	6609



Chill-Its® 6615 High-Performance Dew Rag

- Wicks moisture away
- Comfortable under hats, helmets, or alone
- Absorbent elastic terry head band

Mfr	Part #	Color/Pattern
Ergodyne	6615SS	Stars and-Stripes
	6615NW	Navy Western
	6615F	Flames

Also available in different patterns



Chill-Its® 5155 Hydration Pack

- 420D nylon shell stands up to long term wear & tear
- Zip-up cap cover
- Closed cell insulation keeps water cool for hours
- TPE polymer bladder
- H2O Capacity: 70 oz. (2 l), 3 hrs.

Mfr	Part #	Color
	5155B	Black
Ergodyne	5155L	Hi-Vis Lime

First Aid Kits



Weekender Medical Kit

Outfitted with the Easy Care System, an ingenious design that helps anyone—from novices to EMTs—quickly and confidently administer first aid. Designed to support groups of up to 7 people for up to a week long trip.

Mfr	Part #
Adventure Medical Kits	WEEKENDER



62-Piece First Aid Kit

10-person kit contains 62 pieces of first aid supplies. Latex-free contents. Includes instant cold compress.

Mfr	Part #
MSA	10070148



160-Piece First Aid Kit

Includes major wound bandage and instant cold pack. Dispenser tray helps keep contents organized.

Mfr	Part #
MSA	10049585
Exceeds ANSI Z308.1-2003 for Type II First Aid Kit	



10, 25, & 50 Person First Aid Kits

Neat, orderly interior packaging makes contents easy to locate and use! All contents are housed in a weather-proof, plastic storage case.

Part #	Description
25223	10-Unit Kit
25222	25-Unit Kit
25228	50-Unit Kit

Contents in 25223, 25222, and 25228 meet or exceed requirements of ANSI Standard Z308.1-2003



First Aid 4-Shelf Station

This 4-shelf station keeps all your first aid supplies neat and organized. Metal case with hinged door measures 14" x 21" x 5-7/8".

Part #	Description
25233	First Aid 4-Shelf Station

Rubber Insulating Gloves



Low and High Voltage Gloves

High dielectric and physical strength, flexibility and durability. Salisbury brand gloves have earned the reputation for superior performance.

Class 00 low voltage gloves are available in yellow or red, Type I Natural Rubber and blue, Type II Salcor ozone resistant rubber.

Class 0 low voltage gloves are available in red, yellow, and black, Type I Natural Rubber and blue, Type II Salcor ozone resistant rubber.

Part #	Length	Class	Test Voltage
E0011R	11"	00	2,500 V
E0011BL	11"	00	2,500 V
E011Y	11"	0	5,000 V

Specify class, length, color, & hand size when ordering. Meets requirements of current ASTM D120



High Voltage Gloves

Class 1-4 standard Straight Cuff gloves are available in Type I Natural Rubber only; Black, Yellow/Black and Red/Black colors available.

Part #	Length	Class	Test Voltage
E216B	16"	2	20,000 V
E216YB	16"	2	20,000 V
E418B	18"	4	40,000 V

Specify class, length, color, & hand size when ordering



Goat Skin Low Voltage Glove Protector for Rubber Gloves

Part #	Medium/Large
GPO-(size)	Fits 11" rubber glove
ORDER BY EXACT RUBBER GLOVE SIZE	

Maintain 1" of exposed rubber cuff per 10,000 rated volts

NOTICE

RUBBER GLOVES ARE NOT INTENDED TO BE USED AT TEST VOLTAGE RATINGS
FIELD USE OF CLASS 00 GLOVES IS NOT TO EXCEED 500V
USE OF CLASS 0 GLOVES IS NOT TO EXCEED 1000V
RUBBER GLOVES: MAX USE vs TEST VOLTAGE

Class	A/C		D/C		Label Color
	Max Use	Test VAC	Max Use	Test VAC	
00	500	2,500	750	10,000	Tan
0	1,000	5,000	1,500	20,000	Red
1	7,500	10,000	11,250	40,000	White
2	17,000	20,000	25,500	50,000	Yellow
3	26,500	30,000	39,750	60,000	Green
4	36,000	40,000	54,000	70,000	Orange

HAVE A HARD TIME COMMUNICATING HANDS-FREE ON A WINDY DAY WHILE WORKING ON A TOWER?

These Sensear products are your solution!

Smart Plug Range



SP Face-to-face
 SP1 Face-to-face, 2-Way
 SP1x Face-to-face, 2-Way, Bluetooth

SP

- Allows communication in environments above 85 dB (A)
- Protects against all forms of noise
- Safely hear your surroundings while also hearing speech
- Binaural Capability – Hear the direction of speech and sounds
- Speaker limited to 82 dB (A) in ear
- Face to face communication up to 95dB
- MP3 Interface
- Replaceable Ear tips
- 12+ hours continuous talk time

SP1 - Features of SP plus:

- Two-Way Radio Interface
- Custom interface to other communication systems
- Two-way radio communication to 95dB

SP1x - Features of SP & SP1 Plus:

- Wireless Bluetooth® connection to cell phones and other Bluetooth devices
- Bluetooth communication to 95dB

Mfr	Part #
	SP
Sensear	SP1
	SP1x

Smart Double Protection Muff



SDP

- Allows communication in environments up to 120 dB (A)
- Protects against all forms of noise
- Safely hear your surroundings while also hearing speech
- Binaural Capability – Hear the direction of speech and sounds
- Face to face communication, up to 95dB(A)
- Two-Way Radio Interface
- Wireless Bluetooth connection to cell phones
- Communicate short range distances Ear Muff to Ear Muff, up to 50 m
- MP3 Interface
- Durable, adjustable headband
- Extra soft ear cushions for long wearing comfort
- Simple buttons for tactile adjustment without having to look or remove earmuffs
- 12+ hours continuous talk time

Mfr	Part #
Sensear	SDP

Smart Muff Range



SM Face-to-face
 SM1 Face-to-face, 2-Way
 SM1x Face-to-face, 2-Way, Bluetooth
 SM1xSR Face-to-face, 2-Way, Bluetooth, Short Range

SM

- Allows communication in environments above 85 dB (A)
- Protects against all forms of noise
- Safely hear your surroundings while also hearing speech
- Binaural Capability – Hear the direction of speech & other sounds
- Speaker limited to 82 dB (A) in ear
- Face to face communication up to 95dB
- MP3 Interface
- Replaceable Ear tips
- 12+ hours continuous talk time

Mfr	Part #
	SM
Sensear	SM1
	SM1x
	SM1xSR

SM1 - Features of SM plus:

- Two-Way Radio Interface
- Custom interface to other communication systems
- Noise-cancelling boom mic
- Two-way radio communication to 105dB

SM1x - Features of SM & SM1 plus:

- Wireless Bluetooth connection to cell phones & other Bluetooth devices
- Noise-cancelling boom mic
- Bluetooth communication to 105dB

SM1xSR - Features of SM & SM1 plus:

- Communicate short range distances Ear Muff to Ear Muff, up to 50 m
- Extra soft ear cushions
- Simple buttons for tactile adj.

Ear Protection



E-A-R™ Classic™ Earplugs
The world's first foam earplugs. Constructed from slow-recovery foam. Comes in a clean, convenient pillow pack.

Mfr	Part #	Description
3M	310-1001	Non-corded
3M	310-1101	Corded



E-A-R™ Express™ Pod Plugs Corded Earplugs
Features advanced "no-roll", slow-recovery foam and assorted color grips. Paddle-style grips allow easy fitting and help keep earplug tips clean.

Mfr	Part #
3M	311-1115



E-A-RSoft™ Yellow Neons™ Pod Plugs Corded Earplugs
Seal the ear canal with soft, slow-recovery foam for excellent noise reduction and comfort.

Mfr	Part #
3M	311-1250



E-A-R™ Ultrafit™ Corded Earplugs
Features a proprietary, premolded, triple-flange design that fits comfortably in most ear canals.

Mfr	Part #
3M	340-4004



Conical-Shaped Disposable Ear Plugs
FormFit™ round disposable urethane foam ear plugs. Dispenser box of 200 individually packaged pairs.

Mfr	Part #	Description
MSA	10051348	Non-corded
MSA	10051347	Corded



Reusable Ear Plugs
Tri-Seal reusable silicone ear plugs. Corded. Dispenser box (suitable for wall hanging) of 100 individually packaged pairs.

Mfr	Part #
MSA	10005607



Quattro™ Reusable Corded Earplugs
Resistant to ear wax and body oils. Provided with nylon cord and packaged in a plastic case with chain. NRR 25dB.

Mfr	Part #
Elvex	94172



Nitro™ Earplugs
Ultra-soft foam earplugs with superior noise reduction. Box of 200 with an assortment of colors. NRR 32dB.

Mfr	Part #
Peltor	94150



NRR 24dB Earmuffs
Excellent attenuation at low & high frequencies. Two low mounting points provide comfort.

Mfr	Part #	Description
PMI	HL33042	Earmuffs
	HL33045	Mounting Clips



PTT™ Earmuffs (Push to Talk)
Push once to turn on & again to turn off speaker for easy listening without removing earmuffs

Mfr	Part #	Description
PMI	HL33043	Earmuffs
	HL33045	Mounting Clips

Tie Hooks

Squids® 3540 and 3560 Tie Hooks

- Super-duty, reusable, locking tie hook for organizing and cinching hoses, cords, pipe, and almost anything else
- Adjustable sliding belt lock mechanism
- Temp range: -40°F to 176°F (-40°C to 80°C)

- High tensile strength, weather resistant Nylon 66
- Temp range: -40°F to 176°F (-40°C to 80°C)
- Recommended maximum load limit: 44 lbs (20kg)
- Excellent resistance to oil, salt, solvents, and alkali



Locking Tie Hooks

- Large locking hook attachment with 360° swivel
- Cable lock for security and increased load capacity

Mfr	Part #	Size
Ergodyne	3540S	11.8" (30 cm) belt
	3540M	15.8" (40 cm) belt
	3540L	19.7" (50 cm) belt



Tie Hook Hand Grip

- Large hand grip with 360° swivel
- Grip opens to lock around anchor point

Mfr	Part #	Size
Ergodyne	3560M	15.8" (40 cm) belt
	3560L	19.7" (50 cm) belt



Flexible Mesh Signs and Stand



SURVEY CREW

Part #	Size
58057	36" x 36"
58075	48" x 48"



ROAD WORK AHEAD

Part #	Size
58059	36" x 36"
58077	48" x 48"



MEN WORKING

Part #	Size
58058	36" x 36"
58076	48" x 48"



CAUTION SMOKE OR FOG AHEAD

Part #	Size
58062	36" x 36"
58078	48" x 48"



Sign Stand

Part #	Description
58135	POGO Sign Stand for 30" or 48" Rollup Sign
58091	36" Rib System with Pair of Folding Flags
58092	48" Rib System with Pair of Folding Flags
58060	36" Rib System without Pair of Folding Flags
58083	48" Rib System without Pair of Folding Flags



CAUTION: LOG TRUCKS

Part #	Size
58063	36" x 36"



TREE WORK AHEAD

Part #	Size
58103	36" x 36"
58089	48" x 48"



Flagman Symbol

Part #	Size
58093	36" x 36"
58097	48" x 48"



Worker Symbol

Part #	Size
58094	36" x 36"
58098	48" x 48"



Right Lane Closed Symbol

Part #	Size
58112	48" x 48"



Left Lane Closed Symbol

Part #	Size
58111	48" x 48"



ROAD CONSTRUCTION AHEAD

Part #	Size
58110	48" x 48"



ONE LANE ROAD AHEAD

Part #	Size
58113	48" x 48"



SLOW

Part #	Size
58133	36" x 36"
58134	48" x 48"



BE PREPARED TO STOP

Part #	Size
58095	36" x 36"
58099	48" x 48"



END ROAD WORK

Part #	Size
58114	48" x 48"

Stop / Slow Sign



Flagman's Hand Paddle
Hard-baked enamel finish on both sides. Steel handle. Sign is 17-1/2" in diameter. Single paddle.

Part #	Size
24897	17-1/2" Diameter

Safety Flags



High Visibility Fluorescent Safety Flags
Vinyl-coated red/orange nylon. Flag is 18" x 18" and attached to a wooden dowel staff 3/4" in diameter.

Part #	Description
24892	Limp Flag w/ 30" Wooden Dowel Staff
24893	Flag w/ Stiffener w/ 36" Wooden Dowel Staff

Warning Triangles



Warning Triangles Kit
Unfolds and sets up in one simple operation. ABS plastic lenses are extremely brilliant and reflective. Folds to convenient carrying size. Set of three.

Part #	Description
24890	Set of 3 Triangles

Complies with Federal Motor Vehicle Standard No. 125.

Caution Tape



3" Caution Barricade Tape
Bright yellow plastic barricade tape with cardboard dispenser included with each roll. 3" W x 1,000' roll.

Part #	Description
58015	Black Lettering Alternating Black
58018	Lettering and Reflective Lettering

Safety / Traffic Cones



Safety Cones

One-piece molded to help prevent cracking

Mfr	Part #	Size
MSA	10073426	12" H
	10073425	18" H
	10073424	28" H



Traffic Cones

Fluorescent, highly visible traffic cones with molded 13" square rubber base

Part #	Size
24879	18" H
24880	28" H
24875	36" H
24876	28" H w/ Reflectors
24877	36" H w/ Reflectors

Pad Locks



Combination Locks

Set your own combination to rugged brass case locks. Includes 4-digit direct dial operation, 2" wide solid brass case & can be reset.

Mfr	Part #	Size
Master Lock	95173	5/16" x 1" x 1"
	95174	5/16" x 2-1/4" x 1"



Key Tumbler Padlock

Laminated steel body with hardened steel shackle, 4-pin cylinder, and dual-locking levers

Mfr	Part #	Size
Master Lock	94741	1-9/16" Body, 3/4" Deep 5/8" Opening

Tool Lanyards

Tethers tools to help worker prevent injury, damage, and lost productivity from dropped tools



Squids® 3102 Tool Lanyard

- Aluminum carabiner tethers tools to help worker prevent dropped tools
- Quick-connect buckle
- Adjustable barrel lock for tool attachment
- Maximum safe working capacity: 5 lbs (2.26 kg)

Mfr	Part #	Color
Ergodyne	3102L	Lime
	3102B	Black



Squids® 3103 Tool Lanyard Loops

- Detachable loops attach to Tool Lanyard (3102) for quick exchanges of multiple tools
- Quick-connect buckle
- Adjustable barrel lock for tool attachment
- Lock stitching for extra security

Mfr	Part #	Color
Ergodyne	3103L	Lime
	3103B	Black



Squids® 3115 Wrist Lanyard

- Polyester webbing cuff secures to wrist
- Tether length 7.5" (19 cm)
- Maximum safe working capacity: 2 lbs (0.9 kg)
- Adjustable barrel lock for tool attachment
- Ribbed pull cord
- Black, two sizes available

Mfr	Part #	Wrist Size
Ergodyne	3115-M	5" to 7"
	3115-L	7" to 8-1/2"



Squids® Triple-Locking Single Carabiner

- Lock stitched at ends for extra security
- Maximum safe working capacity: 15 lbs
- Carabiner features 360° swivel captive-eye
- Stretch cord surrounded by tubular nylon

Mfr	Part #	Color
Ergodyne	3109	Green



Squids® Dual Carabiner

- Lock stitched at ends for extra security
- Maximum safe working capacity: 10 lbs
- Aluminum carabiner on each end for tool attach
- Stretch cord surrounded by tubular nylon

Mfr	Part #	Color
Ergodyne	3110	Green



Squids® Triple-Locking Dual Carabiner

- Lock stitched at ends for extra security
- Maximum safe working capacity: 20 lbs
- Carabiners on both ends feature 360° swivel captive-eye
- Stretch cord surrounded by tubular nylon

Mfr	Part #	Color
Ergodyne	3119	Green

Accessories shown in tool lanyard images are not included

NARDA Personal RF Monitor



Nardalert S3™ Non-Ionizing Radiation Monitor

- Field Replaceable Sensor Modules
- Color LCD Display
- Multi-Color Alarm LED's
- USB Interface for Data and Charging
- Interchangeable Lanyard or Belt Clips
- Comprehensive Software Included
- Standard and Optioned Models
- Fiber Optic Port for Remote Monitoring
- Fail-Safe Design

Mfr	Part #
Narda	2271/101



RadMan / RadMan XT RF Personal Monitors

- 1 MHz to 40 GHz
- Shaped Frequency Response matched to your standard
- Multi-Function Tool: Personal Monitor, Leakage Detector, Simple Measurement Instrument
- Simultaneous E- and H-Field Measurement
- Data Logger Records Continuously
- Four LED Level Indicators
- Isotropic Response when used off the body
- Optical Interface can be used "Real Time"
- Patented Design

Mfr	Part #
Narda	2250/52

Fire Extinguishers



ABC Stored Pressure Multi-Purpose Dry Chemical Fire Extinguishers

- UL[®] approved, manufactured to standards under ISO-9002, and contain required HMIS information.
- Extinguishers operate in upright position: Squeeze grip handle, pull pin, and mounting bracket.
- The unique extinguishing agent is a non-conductor of electricity which clings to surfaces and smothers flames. Available in a wide range of sizes.
- Effective temperature range: -65°F to +120°F.
- Approval Codes:
 - Class A – Safe to use on common combustibles (wood, paper, cloth, rubber, trash, and most plastics)
 - Class B – Safe to use on flammable liquids (gasoline, kerosene, oil, grease, solvents, gases, and paint)
 - Class C – Safe to use around live electrical equipment (computers, lamps, and electrical appliances)

Model B417TM / 2-1/2 lb. / Nozzle

U/L Rating: 1A: 10B:C
 Rating: Dry Chemical - A, B, C, Multi
 Discharge Time: 10 sec.
 Range: 9'-15'
 Dimensions:
 14-5/8" H x 5-3/4" W, 3" Dia.
 Bracket Supplied: Vehicle/Marine

Mfr	Part #	Description
Amerex	85472	2-1/2 lb. Nozzle

Model B500T/5 lb./Hose

U/L Rating: 2A: 10B:C;
 Rating: Dry Chemical - A, B, C, Multi
 Discharge Time: 14 sec.
 Range: 12'-18'
 Dimensions:
 15-1/4" H x 7-1/4" W, 4-1/4" Dia.
 Bracket Supplied: Wall - Requires
 Model 821 Bracket for U.S.C.G.
 Approval

Mfr	Part #	Description
Amerex	85473	5 lb. Hose

Model B456 / 10 lb. / Hose

U/L Rating: 4A: 60B:C
 Rating: Dry Chemical - A, B, C, Multi
 Discharge Time: 20 sec.
 Range: 15'-21'
 Dimensions:
 20-1/2" H x 8-3/4" W, 5" Dia.
 Bracket Supplied: Wall - Requires
 Model 809 Bracket for U.S.C.G.
 Approval

Mfr	Part #	Description
Amerex	85474	10 lb. Hose



Water Stored Pressure Fire Extinguisher

- Utilizes pressurized water to safely kill Class A type fires.
- Features an attractive stainless steel cylinder which is easy to maintain and service.
- Note: Water Stored Pressure Extinguishers do not ship charged. Extinguisher must be filled and pressurized upon receipt by a qualified service technician.
- Effective temperature range: 40°F to 120°F

Model 240 / 2-1/2 lb. / Hose

U/L Rating: 2A
 Rating: Water A
 Discharge Time: 50 sec.
 Range: 45'-55'
 Dimensions: 24-1/2" H x 9" W, 7" Dia.
 Bracket Supplied: Wall

Mfr	Part #	Description
Amerex	85481	2-1/2 gal. Hose

MSA Respirators



Advantage® 1000 Respirator and Accessories

- Wraparound flexible lens with excellent fit, comfort, and increased vision
- Unique inturred lip seal that provides excellent seal
- Flexible urethane lens that is integrally bonded to the facepiece
- Standard equipment includes a speaking diaphragm for clear short-range communications and a nose-cup to reduce lens fogging

Mfr	Description	Small	Medium	Large
MSA	Advantage 1000 Facepiece	805414	805408	805420

Flexible Clear Cover Lens

Protects facepiece lens from scratches during storage, handling, and use

Mfr	Part #	Description
MSA	813832	Box of 25



Lens Shield

For added impact protection, this polycarbonate lens shield snaps into place

Mfr	Description	Small	Medium/Large
MSA	Clear	806463	806462
	Tinted	806465	806464

ESP® II Communication System

1-piece self-contained electronic speech projection device that allows wearers to speak normally, yet be heard loud and clear

Mfr	Part #
MSA	10026265



Advantage® 3000 Respirator and Accessories

- Facepiece lens has scratch-resistant coating, superior visibility, and peripheral vision
- Enhances worker performance with a new design that allows lower breathing resistance and includes a standard nose-cup that reduces fogging
- Wraparound lens combined with a soft pliable silicone facepiece
- Respirator meets ANSI Z87.1.2003 (protective eye and face protection)

Mfr	Description	Small	Medium	Large
Advantage 3200 Twin Port Respirator:				
MSA	with Rubber Harness	10028996	10028995	10028997
	with European-style Harness	10031340	10031309	10031341



Advantage 3000 Respirator with Rubber Harness

Advantage 3000 Respirator with European-Style Harness

Spectacle Kit for Advantage 3000

For use by workers who must wear corrective lenses

Mfr	Part #
MSA	10029298



Flexible Cover Lens

Protects facepiece lens from scratches during storage, handling, and use

Mfr	Part #	Description
MSA	10031542	Clear, Box of 25
	10031543	Smoke, Box of 25

Advantage Fit Test Adapter

Easy to use

Mfr	Part #
MSA	10056424



Advantage® 4000 Respirator and Accessories

- Facepiece lens has scratch-resistant coating, superior visibility, and peripheral vision
- Enhances worker performance with a new design that allows lower breathing resistance and includes a standard nose-cup that reduces fogging
- Wraparound lens combined with soft pliable Hycar or silicone facepiece
- Respirator meets ANSI Z87.1.2003 (protective eye and face protection)

Mfr	Description	Small	Medium	Large
Advantage 4200 Twin Port Respirator:				
MSA	with Net Head Harness, Hycar	10083797	10083793	10083801
	with Rubber Head Harness, Hycar	10083799	10083795	10083803
	with Net Head Harness, Silicone	10083796	10083792	10083800
	with Rubber Head Harness, Silicone	10083798	10083794	10083802

Spectacle Kit for Advantage 4000

For use by workers who must wear corrective lenses

Mfr	Part #
MSA	10029298



Flexible Cover Lens

Protects facepiece lens from scratches during storage, handling, and use

Mfr	Part #	Description
MSA	10031542	Clear, Box of 25
	10031543	Smoke, Box of 25

Welders Adapter

Clip-on Welders Adapter for Advantage 4000. Twin Port Facepiece with cover lens, less filter plate

Mfr	Part #
MSA	10065328

[More Respirators >>>](#)

3M Respirators



Economical Disposable N95 Particulate Respirator

- Compatible with a variety of eyewear/hearing protection
- Protects against certain non-oil based particles

Mfr	Part #
3M	8200



Classic Disposable N95 Particulate Respirator

- Welded strap attachment
- Protects against certain non-oil based particles
- Cushioning nose foam
- Adjustable noseclip

Mfr	Part #
3M	8210

Respirator Bags

- 420D Nylon with PVC backing



Mfr	Part #	Description
Ergodyne	5180	For Half Masks 5.5" x 7" x 3.5"
	5183	For Full Masks 9.5" x 9" x 3.5"



Disposable Particulate Respirator N95

- 3M™ CoolFlow™ Valve
- Adjustable M nose clip
- Braided head bands & soft inner materials
- Designed to increase comfort and wearability for long periods of time

Mfr	Part #
3M	8511



Particulate Welding Respirator R95

- 3M™ CoolFlow™ Valve
- Flame resistant per ASTM D2859
- Adjustable M nose clip & braided head band
- For applications where metal fumes may be present

Mfr	Part #
3M	8515



Particulate Respirator R95 with Nuisance Level Organic Vapor Relief

- NIOSH Approved R95
- Carbon layer helps reduce nuisance levels of organic vapors*
- Collapse resistant shell

Mfr	Part #
3M	8247

*Nuisance level refers to concentrations not exceeding OSHA PEL or applicable government occupational exposure limits, whichever is lower.

MSA Flexi-Filter® Pads for Advantage Respirators

These low-profile, flexible pads fit well under a welding hood and with other personal protective equipment. They offer great balance and weight distribution for maintaining a good face seal, while their swept-back design provides improved vision and comfort.

MSA Filter Description	MSA Part Number	Color Coding	Filter Type and Efficiency			See Notes Below
			P100	R95	N95	
Flexi-Filter P100	818342	Orange	Yes	Yes	No	1, 4
Flexi-Filter P100 w/ Nuisance Level OV, Ozone Removal	818343	Orange	Yes	Yes	No	1, 4
Flexi-Filter P100 w/ Nuisance Level AG, HF Removal	818344	Orange	Yes	Yes	No	1, 4
Flexi-Filter N95	818346	Black	No	No	Yes	1
Flexi-Filter N95 w/ Nuisance Level OV Removal	818347	Black	No	No	Yes	1
Flexi-Filter P95	818354	Black	No	Yes	No	1
Flexi-Filter P95 w/ Nuisance Level OV Removal	818355	Black	No	Yes	No	1
Flexi-Filter P95 HF Removal (NIOSH)	10063227	Green	No	Yes	No	1

Definitions
 N95-Particulate Filter (95% filter efficiency level) effective against particulate aerosols free of oil; time use restrictions may apply.
 R95-Particulate Filter (95% filter efficiency level) effective against all particulate aerosols; time use restrictions may apply.
 P100-Particulate Filter (99.97% filter efficiency level) effective against all particulate aerosols.

Notes
 1. Do not use in atmospheres containing less than 19.5 percent oxygen, in atmospheres containing gases or vapors or in atmospheres immediately dangerous to life and health
 2. Do not use in atmospheres containing less than 19.5 percent oxygen, or in atmospheres immediately dangerous to life and death
 3. Do not wear for protection against organic vapors with poor warning properties or those which generate high heats of reaction with the sorbent material in the cartridge
 4. 99.97 percent efficient against 0.3 micron DOP

NIOSH Approved P95 HF



Flexi-Filter HF Filter (10063227)



Flexi-Filter P100 (818342)

MSA Advantage® Respirator Cartridges

		Acid Gases											Filter Type and Efficiency See Definitions Below			See Notes Below
MSA Cartridge Description	MSA Re-Order Part Number	Color Coding	Organic vapor	Chlorine	Sulfur Dioxide	Chlorine Dioxide	Hydrogen Chloride	Hydrogen Sulfide*	Ammonia	Methylamine	Formaldehyde	Hydrogen Fluoride	Mercury Vapor	P100	R95	N95
<p>The Advantage line of particulate, chemical and combination cartridges is NIOSH-approved (to 42 CFR Part 84) and provides lightweight, low-profile performance. Cartridges fit both 3000 and 4000 Full-Facepiece Advantage Respirators.</p>																
GMA	815355															
GMA with N95 Prefilter	815355 with 815394 or 816357															
GMA with R95 Prefilter	815355 with 815397															
GMA P100	815362															
GMB	815356															
GMB with N95 Prefilter	815356 with 815394 or 816357															
GMB with R95 Prefilter	815356 with 815397															
GMB P100	815363															
GMC	815357															
GMC with N95 Prefilter	815357 with 815394 or 816357															
GMC with R95 Prefilter	815357 with 815967															
GMC P100	815364															
GMD	815358															
GMD with N95 Prefilter	815358 with 815394 or 816357															
GMD with R95 Prefilter	815358 with 815397															
GMD P100	815365															
GME	815359															
GME with N95 Prefilter	815359 with 815394 or 816357															
GME with R95 Prefilter	815359 with 815397															
GMD P100	815366															
GMI P100**	815641															
Mersorb	815361															
Mersorb with N95 Prefilter	815361 with 815394 or 816357															
Mersorb with R95 Prefilter	815361 with 815397															
Mersorb P100	815368															
Low-Profile P100	815369															
N95 Snap-On Prefilter and Cover	815394 Pack of 10 816357 Box of 50 815392 Reusable Snap-on Cover 2 in a Package	WARNING														
R95 Snap-On Prefilter and Cover	815397 Pack of 20 815401 Reusable Snap-on Cover 2 in a Package	<p>An appropriate cartridge change-out schedule must be developed by a qualified professional, unless the cartridge/canister utilizes an end-of-service-life indicator. The change-out schedule must take into account all factors that may influence respiratory protection including specific work practices and other conditions unique to the worker's environment. If using against substances having poor warning properties, there is no secondary means of knowing when to replace the cartridges/canister. In such cases, take appropriate additional precautions to prevent overexposure, which may include a more conservative change-out schedule or using an air-supplied respirator or SCBA. Failure to follow this warning can result in serious personal injury or death. As a reference, below is a partial list of substances having poor warning properties:</p>														
Definitions		<p>N95-Particulate Filter (95% filter efficiency level) effective against particulate aerosols free of oil; time use restrictions may apply.</p>				<p>R95-Particulate Filter (95% filter efficiency level) effective against all particulate aerosols; time use restrictions may apply.</p>				<p>P100-Particulate Filter (99.97% filter efficiency level) effective against all particulate aerosols.</p>						
* Escape only		Acrolein				Hydrogen cyanide				Nitric acid				Phosphorus trichloride		
** Effective against, but not NIOSH-approved for Iodine Vapor		Aniline				Hydrogen selenide				Nitro compounds				Stibine		
		Arsine				Methanol				Nitrogen oxides				Sulfur chloride		
		Bromine				Methyl bromide				Nitroglycerin				Urethane or other diisocyanate-containing paints		
		Carbon monoxide				Methyl chloride				Nitromethane				Vinyl chloride		
		Diisocyanates				Methylene chloride				Phosgene						
		Dimethyl sulfate				Nickel carbonyl				Phosphine						
Notes		<p>1. Do not use in atmospheres containing less than 19.5 percent oxygen, in atmospheres containing gases or vapors or in atmospheres immediately dangerous to life and health</p> <p>2. Do not use in atmospheres containing less than 19.5 percent oxygen, or in atmospheres immediately dangerous to life and death</p> <p>3. Do not wear for protection against organic vapors with poor warning properties or those which generate high heats of reaction with the sorbent material in the cartridge</p> <p>4. 99.97 percent efficient against 0.3 micron DOP</p>														

Safety Vests



GloWear® 8205HL Class 2 Super Econo Vest

- ANSI-certified polyester mesh (3.3 oz.)
- Hook & loop closure
- 2" Level 2 ANSI compliant reflective material
- Lime, Orange

Mfr	Part #	Size	Color
Ergodyne	8205HL-O-S	S/M	Orange
	8205HL-O-L	L/XL	Orange
	8205HL-O-XXL	2XL/3XL	Orange
	8205HL-L-S	S/M	Lime
	8205HL-L-L	L/XL	Lime
	8205HL-L-XXL	2XL/3XL	Lime

Additional sizes available



GloWear® 8249Z Class 2 Economy Surveyors Vest

- ANSI-certified poly solid front (3.6 oz) mesh back (3.3 oz)
- Zipper closure
- 2" Level 2 ANSI compliant reflective material
- Pockets: two inside, two outside
- Lime, Orange

Mfr	Part #	Size	Color
Ergodyne	8249Z-O-S	S/M	Orange
	8249Z-O-L	L/XL	Orange
	8249Z-O-XXL	2XL/3XL	Orange
	8249Z-L-S	S/M	Lime
	8249Z-L-L	L/XL	Lime
	8249Z-L-XXL	2XL/3XL	Lime

Additional sizes available



GloWear® Class 2 Economy Two-Tone Vest

- ANSI-compliant polyester mesh
- Zipper-closure
- 2" Level 2 ANSI-compliant tape
- Tape set on 4.5" contrasting color back ground
- One inside pocket
- Lime, Orange

Mfr	Part #
Ergodyne	8229Z



Class II Safety Vest

- Meets ANSI Class II Vest requirements for traffic up to 50 mph
- Unique integral back pocket storage for when vest is not in use
- Horizontal and vertical stripes for excellent visibility even when bending
- Popular high-viz lime green color stands out better around orange traffic barriers

Mfr	Part #	Color
MSA	10053455	Lime



High Visibility Safety Vest

- One size fits all to accommodate most wearers
- Hook and loop closures keep vest closed
- Elastic straps automatically adjust to waistline

Mfr	Part #	Color
MSA	818040	Orange



Reflective Safety Vest

- Reflective stripes provide increased visibility
- Hook and loop closures keep vest closed
- Elastic straps automatically adjust to waistline

Mfr	Part #	Color
MSA	817890	Lime

Safety Vests / Clothing



ANSI Class II Mesh Vests

- Lightweight mesh polyester fabric
- 2" reflective silver tape in a 360° horizontal stripe with 2 vertical stripes
- Hook and loop front closure
- Large/XL: 38" - 46" chest
- 2XL/3XL: 48" - 56" chest

Part #	Size	Color
24947	L/XL	Orange
24948	2XL/3XL	Orange
24934	L/XL	Lime
24935	2XL/3XL	Lime

Compliant with ANSI/ISEA 107-2004



ANSI Class II / IL DOT Class II Mesh Safety Vests

- Hook and loop closures in the front allow easy on/off wearability
- Genuine 3M™ reflective, double-stitched bar tacks and durable seams
- Two pockets, 1 inside and 1 outside

Part #	Size	Color
24914	L	Orange
24920	XL	Orange
24937	2XL	Orange
24905	L	Lime
24906	XL	Lime
24909	2XL	Lime

Meets IL DOT Class II standards and ANSI Class II standards



GloWear® 8289 Class 2 Economy T-Shirt

- 1 exterior pocket
- ANSI-certified polyester knit (3.3 oz.)
- Moisture wicking treatment
- 2" Level 2 ANSI compliant reflective material
- Lime, Orange

Mfr	Size	Orange	Lime
		Part #	Part #
Ergodyne	Small	8289S-O	8289S-L
	Medium	8289M-O	8289M-L
	Large	8289L-O	8289L-L
	X-Large	8289XL-O	8289XL-L
	2XL	8289XXL-O	8289XXL-L

Also available in larger sizes



GloWear® 8380 Class 3 Bomber Jacket

- Weatherproof outer shell constructed of 100% polyester
- Breathable PU coating
- Inner jacket with 300g fleece lining; can be worn with or without fleece lining
- 2" Level 2 ANSI compliant reflective material
- Inset hood with drawstring & stoppers
- Storm front with zipper and snap closure
- YKK #5 Zippers

Mfr	Size	Orange	Lime
		Part #	Part #
Ergodyne	Small	8380S-O	8380S-L
	Medium	8380M-O	8380M-L
	Large	8380L-O	8380L-L
	X-Large	8380XL-O	8380XL-L
	2XL	8380XXL-O	8380XXL-L

Also available in larger sizes



Class III Rain Jacket

Attached, stowable hood, vented cape back, 2 outside patch pockets with snaps, and adjustable hook and loop straps on cuffs

Part #	Size	Color
94247	L	Lime
94248	XL	Lime
94249	2XL	Lime

Class E Bib Overalls

Become Class III compliant when worn with Class II or higher upper. Includes snap-fly front and heavy-duty suspenders with quick-release buckles.

Part #	Size	Color
94218	M	Lime
94219	L	Lime
94220	XL	Lime

Heavy-Duty Rainwear

- Made of premium waterproof PVC
- Features beaded reflective tape, durable zipper, & long-lasting elastic
- Generously sized to fit over heavy clothing

CORE Performance Work Wear®

- Wicking fabrics
- Anti-stink treatments help workers remain unscented
- Comfort design
- Soil release treatments make cleaning easy
- 50+ UPF for protection against harmful UV



CORE Performance Work Wear® 6435 Long Sleeve Base Layer

- Medium weight wicking fabric for warmth
- Comfort design: raglan sleeves, stretch fabrics, flat seams
- Ripped compression fit
- Long tail design: Just Say No To Crack
- Reflective accents help keep workers safe and seen

Mfr	Part #	Size
Ergodyne	6435M	M
	6435L	L
	6435XL	XL
	6435XXL	2XL
	6435XXXL	3XL

Also available in gray and navy



CORE Performance Work Wear® 6480 Bottoms Base Layer

- Wicking fabrics and venting for multi-climate comfort
- Comfort design: stretch fabrics, flat seams, tagless waistband

Mfr	Part #	Size
Ergodyne	6480M	M
	6480L	L
	6480XL	XL
	6480XXL	2XL
	6480XXXL	3XL



CORE Performance Work Wear® 6418 Short Sleeve Mid Layer

- Wicking fabrics and venting for multi-climate comfort
- Comfort: raglan sleeves, stretch fabrics, flat seams
- Relaxed fit
- Long tail design: Just Say No To Crack
- Reflective accents help keep workers safe and seen

Mfr	Part #	Size
Ergodyne	6418M	M
	6418L	L
	6418XL	XL
	6418XXL	2XL
	6418XXXL	3XL

Also available in gray and navy



CORE Performance Work Wear® 6425 Long Sleeve Mid Layer

- Wicking fabrics and venting for multi-climate comfort
- Comfort: raglan sleeves, stretch fabrics, flat seams
- Relaxed fit
- Long tail design: Just Say No To Crack
- Reflective accents help keep workers safe and seen

Mfr	Part #	Size
Ergodyne	6425M	M
	6425L	L
	6425XL	XL
	6425XXL	2XL
	6425XXXL	3XL

Also available in gray and navy



CORE Performance Work Wear® 6443 Fleece Vest Mid Layer

- Mid-weight fleece offers soft warmth
- Wicking fabrics and venting for multi-climate comfort

Mfr	Part #	Size
Ergodyne	6443M	M
	6443L	L
	6443XL	XL
	6443XXL	2XL
	6443XXXL	3XL



CORE Performance Work Wear® 6463 Thermal Vest Outer Layer

- Tough outer shell, 500D Nylon
- Soft, warm fleece lining
- Storm flap front
- Pockets: several including back document & front cell
- Drawstring waist
- Reflective accents

Mfr	Part #	Size
Ergodyne	6463M	M
	6463L	L
	6463XL	XL
	6463XXL	2XL
	6463XXXL	3XL



CORE Performance Work Wear® 6465 Thermal Jacket Outer Layer

- Tough outer shell, 500D Nylon
- Soft, warm fleece lining
- Storm flap front
- Pockets: several, including back document & front cell
- Drawstring waist and adjustable cuffs
- Reflective accents

Mfr	Part #	Size
Ergodyne	6465M	M
	6465L	L
	6465XL	XL
	6465XXL	2XL
	6465XXXL	3XL

Gloves



Proflex® 710 Full-Fingered Trades Gloves

- Visco-elastic polymer to dampen shock and impact
- Abrasion resistant, textured PVC on palm and fingers
- Terry thumb brow wipe
- Full finger design

Mfr	Part #	Size
Ergodyne	710S	S
	710M	M
	710L	L
	710XL	XL
	710XXL	2XL



Proflex® 720 Trades with Touch Control Gloves

- Visco-elastic polymer to dampen shock and impact
- Abrasion resistant, textured PVC on palm and fingers
- Terry thumb brow wipe
- 1/2-finger on thumb, index, & middle fingers

Mfr	Part #	Size
Ergodyne	720S	S
	720M	M
	720L	L
	720XL	XL
	720XXL	2XL



Proflex® 840 Leather Trades Gloves

- Leather Trades: combines goatskin, Kevlar, and rubber armor
- Split leather reinforced fingertips
- Knuckle pad to protect against bumps and bruises
- Gauntlet cuff with pull tab for easy on/off

Mfr	Part #	Size
Ergodyne	840S	S
	840M	M
	840L	L
	840XL	XL
	840XXL	2XL



Proflex® 845 Full-Finger Lightweight Trades Gloves

- Breathable stretch spandex with neoprene knuckle pads
- Abrasion resistant PVC on palm and fingers
- Low-profile closure with woven elastic cuff
- Terry thumb brow wipe

Mfr	Part #	Size
Ergodyne	845S	S
	845M	M
	845L	L
	845XL	XL
	845XXL	2XL



Proflex® 846 3/4-Finger Lightweight Trades Gloves

- Breathable stretch spandex with neoprene knuckle pads
- Abrasion resistant PVC on palm and fingers
- Terry thumb brow wipe
- 1/2-finger on thumb, index, and middle fingers

Mfr	Part #	Size
Ergodyne	846S	S
	846M	M
	846L	L
	846XL	XL
	846XXL	2XL



Proflex® 818WP Thermal Waterproof Utility Gloves

- Amara synthetic leather with PVC reinforced palm & fingers
- 40g 3M™ Thinsulate™ Insulation
- Hipora breathable waterproof & windproof liner
- Breathable spandex back with foam knuckle pad

Mfr	Part #	Size
Ergodyne	818WPS	S
	818WPM	M
	818WPL	L
	818WPXL	XL
	818WPXXL	2XL

[More Gloves >>>](#)



“Protect your hands, you need them to pick up your pay check”



Gloves (cont.)



Proflex® At-Heights Construction Gloves

- Double layer palm and fingertips
- EVA foam padding on upper palm, base and middle digit sections
- Double-needle Kevlar stitching on palms and fingers
- Convenient pass-through hole on cuff for clipping to carabiner
- Adjustable wrist cinch anchor for extra security

Mfr	Part #	Size
Ergodyne	750S	S
	750M	M
	750L	L
	750XL	XL
	750XXL	2XL



Proflex® 710CR Cut Resistant Trades Gloves

- Lined with 100% DuPont™ Kevlar® to provide cut resistance throughout the glove
- ANSI 105 Level 3 cut protection on the palm
- Premium EVA foam palm pad to dampen shock and impact
- Abrasion resistant PVC on palm and fingers

Mfr	Part #	Size
Ergodyne	710CRS	S
	710CRM	M
	710CRL	L
	710CRXL	XL
	710CRXXL	2XL



Proflex® 740 Fire & Rescue Rope Gloves

- Specially designed glove with awesome fit and special rope channel
- Double-reinforced, EVA-padded rope zone with rope channel
- EVA knuckle pad with reflective pattern
- Adjustable wrist cinch anchor for extra security

Mfr	Part #	Size
Ergodyne	740S	S
	740M	M
	740L	L
	740XL	XL
	740XXL	2XL



ProFlex® 818OD Thermal Waterproof Utility Gloves w/ OutDry®

- 40g 3M™ Thinsulate™ insulation
- OutDry® waterproof, windproof, breathable bonded membrane
- Durable synthetic leather with PVC reinforced palm & fingers
- Breathable spandex back with foam knuckle pad
- Nylon/Spandex cuff with low-profile closure
- Terry thumb brow wipe security

Mfr	Part #	Size
Ergodyne	818ODS	S
	818ODM	M
	818ODL	L
	818ODXL	XL
	818ODXXL	2XL



Journey Utility Gloves

- Breathable, durable synthetic leather palm added for firm grip
- Two-way stretch spandex padded top features form-fitting elasticity
- Reinforced thumb, index finger, and fingertips add protection
- Wide opening elastic cuff for easy entry
- Contact points on index finger and thumb feature smooth surface for improved handling of objects

Mfr	Part #	Size
Klein Tools	40052	M
	40053	L
	40054	XL



Journeyman Framers Gloves

- Fingerless design on thumb, index, and middle finger
- DURA-FIT™ synthetic leather palm
- Non-slip rubberized Zeus™ Clarino® finger grippers improve grip & control
- Lycra® panels between fingers add comfort and ventilation
- Easy-entry Neoprene cuff ventilates and increases comfort
- Thermal Plastic Rubber cuff strap with hook and loop closure

Mfr	Part #	Size
Klein Tools	40057	M
	40058	L
	40059	XL

Gloves (cont.)



Journeyman Heavy-Duty Protection Utility Gloves

- Streamlined high-density accordion knuckle panel reduces impact
- High profile, impact absorbing molded Thermal Plastic Rubber finger protection
- Non-slip rubberized Zeus™ Carino® finger & thumb grippers
- Two-ply synthetic leather palm with anatomically die-cut EVA foam padded impact zones

Mfr	Part #	Size
	40062	M
Klein Tools	40063	L
	40064	XL



Journeyman Leather Work Gloves

- Genuine goatskin professional-grade leather offers comfort and protection
- Two-way form-fitting spandex top increases ventilation, comfort, and fit
- Molded Thermal Plastic Rubber ribs offer flexible protection
- Lightly padded palm for increased grip and comfort
- Stretch knuckle with EVA foam padding

Mfr	Part #	Size
	40067	M
Klein Tools	40068	L
	40069	XL



Heavyweight Jersey Gloves

- Soft, comfortable, general-purpose gloves
- Made of 100% cotton jersey
- Comfortable knit wrist
- Dark brown color
- 40001: Fleece lining with an open cuff

Mfr	Part #	Size
Klein Tools	40002	1 size fits most
	40001	Lined, 1 size fits most



Rope Tech Gloves

- Synthetic leather (palm base layer)
- Cowhide layer (finger wear points and palm)
- Two-way stretch spandex on top and fingers for greater mobility and breathability
- Elastic cuff with pull-tab & Velcro® closure
- Carabiner loop stores inside for snag free operations

Mfr	Part #	Size
	GL22302	S
	GL22303	M
PMI	GL22304	L
	GL22305	XL



Lightweight Rappel Gloves

- Lightweight, pliable goatskin provides excellent finger dexterity
- Two extra layers of cowhide across palm maximize protection in key areas
- No exposed seams on palm

Mfr	Part #	Size
	GL22002	S
	GL22003	M
PMI	GL22004	L
	GL22005	XL



Heavyweight Gloves

- Lightweight, pliable cowhide provides excellent finger dexterity
- Three layers of cowhide across palm maximize protection in key areas
- PMI® Heavyweight gloves have thicker layers of leather for added protection from abrasion and puncture

Mfr	Part #	Size
	GL22100	S
	GL22101	M
PMI	GL22102	L
	GL22103	XL

[More Gloves >>>](#)

Work Wear & Gear

Gloves (cont.)



Medium-Cuff Gloves

- Heavy sueded leather
- Full leather fingers, palm, and pull
- Gunn cut with seams away from wear surfaces
- Wing thumb, seamless index finger, elastic wrist-back strap
- Rubberized, waterproof cuff 2-1/2" (63.5 mm) long
- Palm and fingers have sewn-in lining
- Pearl-gray leather, striped blue cuff

Mfr	Part #	Size
Klein Tools	40008	L



Long-Cuff Gloves

- Soft, flexible, top-grain cowhide leather
- Leather fingers, palm, pull, and knuckle strap
- Gunn cut with seams away from wear surfaces
- Wing thumb, seamless index finger, elastic wrist-back strap
- Lined palm and fingers
- Rubberized, waterproof, bell gauntlet cuff 5" long
- Light-gray leather, striped blue cuff

Mfr	Part #	Size
Klein Tools	40010	L
	40012	XL



Cordex Lightweight Belay / Rappel Gloves

- Natural high-quality leather
- Durable double layer of leather in high-wear areas
- Back made of breathable stretch nylon
- Low profile neoprene cuffs with Velcro® closure
- Carabiner hole to attach gloves to harness
- Black (also available in beige)

Mfr	Part #	Size
	K52SN	S
	K52MN	M
Petzl	K52LN	L
	K52XLN	XL



Cordex Plus Lightweight Belay / Rappel Gloves

- Natural high-quality leather with reinforced palm
- Back made of durable leather with abrasion-resistant stretch nylon at key flex areas
- Black

Mfr	Part #	Size
	K53SN	S
	K53MN	M
Petzl	K53LN	L
	K53XLN	XL

Kneepads



Proflex® 357 Short Cap Honeycomb Gel Knee Pad

- Patented suspension design redirects pressure away from the patella
- Patented cover design delivers stability on all terrain and surfaces
- Upper and lower elastic straps with hook and loop closure
- Silicone-free

Mfr	Part #	Size, U of M
Ergodyne	357	One Size, Pair

Fulfills requirements of EN 14404:2004



Proflex® 300 Rounded Cap Knee Pad

- Abrasion resistant rounded short hard cap
- 840D nylon fabric cover
- 12 mm NBR padding
- Anti-odor treatment
- Buckle closure

Mfr	Part #	Size, U of M
Ergodyne	300	One Size, Pair



Proflex® 380 Kneeling Pad

- Comfort for static kneeling situations
- Closed-cell foam is non-conductive, resistant to petroleum, and silicone-free
- Convenient handle
- Compact size for optimal portability

Mfr	Part #	Size
Ergodyne	380	14" x 21" x 1"

Footwear



Trex™ 6300 Ice Traction Device

- One-piece traction device for shoes or boots; delivers tenacious grip and stability
- 8 rugged, heat-treated carbon steel studs for tenacious grip and stability
- Stretchable rubber for fit and easy on/off
- M (5-8), L (8-11), XL (11-14)

Mfr	Part #	Size, U of M
Ergodyne	6300M	Medium, Pair
	6300L	Large, Pair
	6300XL	X-Large, Pair
	Replacement Studs	
	6301	8 Replacement Studs



Trex™ 6386 High-Performance Insoles

- Optimal shock protection from ZeroRebound™ forefoot & heel pads
- DuPont Engage® EVA foam mid layer
- Rear foot control bar
- Full-length EVA Resin Base layer
- Perfor-Air™ Ventilation System
- Agion™ Anti-odor treatment
- Nylux brushed nylon foot surface

Mfr	Part #	Size, U of M
Ergodyne	6386S	Small, Pair
	6386M	Medium, Pair
	6386L	Large, Pair
	6386XL	X-Large, Pair
	6386XXL	2XL, Pair
	6386XXXL	3XL, Pair

Ergodyne Tool Belts



Arsenal® 5500 28-Pocket Synthetic Tool Rig

- 5" padded Base Layer Tool Belt (5555)
- 16-pocket Tool Pouch (5522)
- 11-pocket Fastener Pouch (5532)
- Nickel-plated hammer holder (5575)
- Fits waist sizes 29" - 44"

Mfr	Part #	Size
Ergodyne	5500L	L
	5500XL	XL

Padded Suspenders sold separately (below)



Arsenal® 5560 Padded Tool Rig Suspenders

- Gel shoulder pads and quick adjust suspender style
- Nickel-plated, spring-loaded, pivoting clips
- Cell phone holder
- Clips to any belt or rig

Mfr	Part #	Size
Ergodyne	5560	One Size

Arsenal® 5567 Utility Knife Holder

- Fits most utility knife designs
- PE-reinforced opening
- Stainless steel belt clip
- Two exterior pen / marker slots



Mfr	Part #
Ergodyne	5567

Arsenal® 5885 Cell Phone Holder

- Fits most cell phones, mp3 players and walkie talkies
- Fast access to phone with hook and loop closure
- Padded pocket to protect electronics
- Stainless steel belt clip



Mfr	Part #
Ergodyne	5885

Arsenal® 5575 Hammer Holder

- Keeps hammer where you need it
- Nickel-plated hardware & angled hammer loop
- Nickel-plated rivets
- Reinforced panel won't sag



Mfr	Part #
Ergodyne	5575



Arsenal® 5516 16-Pocket Aerial Tool Pouch

- Easily attaches to fall protection harness
- 16 pockets for tools & fasteners
- Top cover flap w/ buckle closure
- 3 nickel-plated D-rings
- Patented Storm Drains™
- Reinforced pouch bases
- Maximum safe working capacity: 33 lbs.

Mfr	Part #
Ergodyne	5516



Arsenal® 5518 16-Pocket Aerial Tool Pouch

- Easily attaches to any belt
- 19 pockets for tools & fasteners
- Top cover flap with hook & loop closure
- 4 nickel-plated D-rings
- Patented Storm Drains™
- Reinforced pouch bases
- Maximum safe working capacity: 33 lbs.

Mfr	Part #
Ergodyne	5518

Accessories seen in pictures are not included

Bags

Gear Bags



- XL RopePro Deluxe Bag**
- Water-resistant fabric
 - Heavy duty lid zipper
 - Webbing gaps for tool holding clips and web loops for extra carabiners
 - 24" tall x 14" wide

Mfr	Part #
Buckingham	4373



- RopePro Deluxe Back Pack Attachment**
- Quickly converts a RopePro Deluxe bag to a backpack or climbing duffle
 - Padded for comfort and breathable materials for cool and dry operations
 - Adjustable chest strap

Mfr	Part #
Buckingham	4375



- Sturdy Utility Bag (camo)**
- Weather-resistant
 - 11" x 24" x 14" deep
 - Heavy-duty zipper
 - Rigid bottom
 - Footed cleats

Mfr	Part #
Elk River	84231



- EZE-Man Rope Bags**
- Heavy-duty nylon rope bag
 - Carry handles
 - 2 ring attachments at top
 - Loop in base for attachments
 - Drawstring closure

Mfr	Part #	Size
Elk River	84302	12" x 12" x 12"
	84303	12" x 12" x 16"
	84304	12" x 12" x 20"



- Duffle Bag**
- Heavy duty nylon bag
 - Carry handles
 - Shoulder strap
 - 22.5" x 11" x 11"

Mfr	Part #
Elk River	88010



- Sturdy Utility Bag (red)**
- Weather-resistant
 - 11" x 24" x 14" deep
 - Heavy-duty zipper
 - Rigid bottom and footed cleats

Mfr	Part #
Elk River	84221



- Arsenal® 5020 Duffle Bag**
- Polyester w/PVC backing
 - Heavy duty ribbed straps, top, and sides
 - #8 zippers
 - Removable adjustable shoulder strap & strap grabber
 - Two end zipper pockets

Mfr	Part #	Size
Ergodyne	5020S	S
	5020M	M



- Arsenal® 5030 Water-Resistant Duffle Bag**
- Water-resistant material
 - Heavy-duty YKK zippers
 - Shoulder straps configured to carry as duffel or backpack
 - Open design for max storage
 - Interior mesh pocket

Mfr	Part #	Size
Ergodyne	5030S	Small 24" x 15" x 15"
	5030M	Medium 28" x 17" x 17"
	5030L	Large 32" x 19" x 19"



- Arsenal® 5116 Medium Gear Bag**
- 600D Polyester main material
 - 1680 Ballistic polyester base
 - PVC Backing for water protection & nickel-plated hardware
 - Padded and adjustable shoulder strap
 - 25" x 12" x 12" main hold

Mfr	Part #
Ergodyne	5116



- Arsenal® 5215 Large Trauma Bag**
- 600D polyester w/PVC backing with 2 side pockets
 - Customizable interior slots and reflective trim
 - 12" x 14" x 9" main hold

Mfr	Part #	Color
Ergodyne	5215-O	Orange
	5215-B	Blue



- Arsenal® 5210 Small Trauma Bag**
- 600D polyester w/PVC backing, with 2 side and 1 front pocket
 - Customizable interior slots and reflective trim
 - 8" x 11" x 8" main hold

Mfr	Part #	Color
Ergodyne	5210-O	Orange
	5210-B	Blue



- Arsenal® 5143 Back Pack**
- 600D Polyester main material
 - 1680D Ballistic polyester base
 - Vented foam padding on back and shoulder straps
 - Padded computer sleeve
 - Small essentials storage pocket
 - 15" x 12" x 20" main hold

Mfr	Part #
Ergodyne	5143

Accessories seen in pictures are not included

Gear Bags (cont.)



Arsenal® 5005 Gear Bag

- 1000D nylon, double-coated polyurethane, #10 zippers
- Outside front pocket and side pockets
- Maltese cross
- 2" webbing handle and shoulder straps
- 16" x 21" x 15" main hold

Mfr	Part #
Ergodyne	5005



XL Nylon Equipment Bag

- Vinyl-coated nylon fabric
- Bottom reinforced with 1/4" plywood & protected by metal studs
- Nylon-web handles extend around bag for extra support
- Wide opening steel frame is securely riveted at top
- Extra flap for storm protection
- 18" x 24" x 10"

Mfr	Part #
Klein Tools	5180



Duffel Bag

- 1000 Codura
- Streamlined & super durable
- 2 exterior storage pockets with velcro closure
- Wrap-around padded handle
- 12" x 24" x 11"

Mfr	Part #
PMI	SG51190



Riggers Bag

- 1000 Codura
- 6 zippered compartments
- Detachable shoulder strap included
- Padded handles
- Clear ID holder
- 12" x 24" x 11"

Mfr	Part #
PMI	RB44031



SOS-Backpack

- Perfect for storage and daily transport to/from job site
- Keeps equipment clean and organized
- Helps protect equipment against UV rays

Mfr	Part #
Guardian	SOS-BACKPACK



Red Rescue Bag

- 1000 Codura
- Dual compartment
- Bottom section holds 300' of rope & top holds rescue eqp
- 1 exterior zippered pocket
- 16" x 28" x 15"

Mfr	Part #
Straight Ahead	SA-106-RD



Large Gear Bag

- 1000 Codura
- 1 exterior zippered pocket
- 1 exterior ID slot
- Removable hard bottom
- 16" x 28" x 15"

Mfr	Part #	Color
Straight Ahead	SA-102-GR	Green
	SA-102-NB	Navy Blue
	SA-102-OR	Orange
	SA-102-RD	Red
	SA-102-YE	Yellow



Bucket Fabric Pack

- Remains upright with exterior folding lid; adjustable webbing
- External zippered pocket
- External ID window
- Two large carrying handles
- Interior ring can be used as attachment point for rope

Mfr	Part #	Capacity
Petzl	S41Y-25	25 Liters
	S41Y-35	35 Liters



Transport Large Capacity Backpack

- Welded construction for greater strength
- Padded waist belt, shoulder straps, and back panel
- Lid flap with elastic border and quick closing buckle
- Zippered identification pocket
- Height: 67 cm

Mfr	Part #
Petzl	S42Y 045



Portage Large Capacity Pack

- Welded construction for greater strength
- Shape makes it easy to pack and access contents
- Inside flap protects contents
- Side handle and top loop for carrying and hauling
- Height: 60 cm

Mfr	Part #
Petzl	S43Y 030



Classique Medium Capacity Pack

- Welded construction for greater strength
- Zippered identification pocket under the lid flap
- Side handle and top loop for carrying and hauling

Mfr	Part #
Petzl	C03 2



Personnel Small Capacity Bag

- Welded construction for greater strength
- Small volume for light weight, easy access, and compactness
- Side handle and top loop for carrying and hauling

Mfr	Part #
Petzl	S44Y 015

[More Bags >>>](#)

Tool Bags



Arsenal® 5817 Medium Open Face Tool Organizer

- 1680D ballistic polyester
- Molded rubber base
- 44 pockets
- Wide, reinforced opening
- Nickel-plated hardware
- Detachable phone holder, parts organizer, and junk pouch
- Padded shoulder strap and carry handle
- 15.25" x 9" x 14"

Mfr	Part #
Ergodyne	5817



Arsenal® 5815 Large Open Face Tool Organizer

- 1680D ballistic polyester
- Molded rubber base
- 61 pockets: ultimate in tool organization
- Wide, reinforced opening
- Nickel-plated hardware
- Detachable phone holder, parts organizer, and junk pouch
- Padded shoulder strap and carry handle
- 18.5" x 11.5" x 15"

Mfr	Part #
Ergodyne	5815



Arsenal® 5800 Large Widemouth Tool Organizer

- 1680D ballistic polyester
- 52 pockets: 38 exterior, 14 interior
- Extra wide, reinforced opening
- Molded rubber base
- Nickel-plated hardware
- Detachable phone holder, parts organizer, and junk pouch
- Outside tape loop & strapping for level or long tools
- Padded shoulder strap and carry handle
- 18.5" x 11.5" x 15"

Mfr	Part #
Ergodyne	5800



Arsenal® 5802 Medium Wide-mouth Tool Organizer

- 1680D ballistic polyester
- 28 pockets: 14 exterior, 14 interior
- Molded rubber base keeps tools dry and clean
- Loaded with pockets
- Wide, reinforced opening
- Nickel-plated hardware
- Detachable phone holder, parts organizer & junk pouch
- Padded shoulder strap and carry handle
- 15.25" x 9" x 12"

Mfr	Part #
Ergodyne	5802



Arsenal® 5804 Small Widemouth Tool Organizer

- 1680D ballistic polyester
- 27 pockets: 10 exterior, 17 interior
- Wide, reinforced opening
- Molded rubber base
- Nickel-plated hardware
- Detachable phone holder, parts organizer, and junk pouch
- Padded shoulder strap and carry handle
- 13.5" x 7.5" x 11"

Mfr	Part #
Ergodyne	5804



Arsenal® 5808 Long Widemouth Tool Organizer

- 1680D ballistic polyester
- 28 pockets: 12 exterior, 16 interior
- Wide, reinforced opening
- Molded rubber base
- Nickel-plated hardware
- Detachable phone holder, parts organizer, and junk pouch
- Padded shoulder strap and carry handle
- 25" x 10" x 14"

Mfr	Part #
Ergodyne	5808



Arsenal® 5840 Electricians Tool Organizer

- 1680D ballistic polyester
- 48 pockets and holders
- Wide, reinforced opening
- 4 molded ABS plastic bases
- Nickel-plated hardware
- Removable small parts organizer
- Outside tape loop
- Padded shoulder strap and carry handle
- 9.5" x 11" x 18"

Mfr	Part #
Ergodyne	5840



Arsenal® 5870 Tool Roll-Up

- 25 pockets for wrenches, sockets, etc.
- Carry handle for easy transport
- Socket pocket holds 3/8" or 1/4" sockets
- Buckle closure

Mfr	Part #
Ergodyne	5870

Accessories seen in pictures are not included

Tool Bags (cont.)



Bolt Bag

- Canvas Material
- 2.5" x 10" x 9" deep
- Belt Tunnel

Mfr	Part #
Elk River	84520



Bolt Bag

- Belt tunnel
- Canvas Material
- 2.5" x 9" x 10" deep
- Belt Tunnel
- Drawstring closure

Mfr	Part #
Elk River	84521



Bolt Bag

- White Duck Material
- 8" x 4" x 10" deep
- Nylon strap
- Inside pocket
- Belt snap straps

Mfr	Part #
Elk River	88199



Deep Bolt Bag

- Canvas Material
- 2.5" x 10" x 14" deep
- Belt Tunnel
- Drawstring closure
- Inside pocket

Mfr	Part #
Elk River	84522



Arsenal® 5728 Tall Safety Bolt Bag

- 16 oz. canvas
- Patented cinch-up tops keeps gear secure
- 2 exterior tool loops
- Patented nickel-plated Storm Drain
- Loop attachment
- 10" x 5" x 13"

Mfr	Part #
Ergodyne	5728



Arsenal® 5725 Safety Bolt Bag

- 16 oz. canvas
- Patented cinch-up tops keeps gear secure
- Nickel-plated rivets
- 2 exterior tool loops
- Patented nickel-plated Storm Drain
- Loop attachment
- 10" x 5" x 9"

Mfr	Part #
Ergodyne	5725



Black Leather Supreme Bolt Bag

- Top quality leather
- Laced bull pin holder on 1 end, crescent wrench holder on other
- Specify right or left

Mfr	Part #
Graber Harness	04-0010-BK



Canvas & Leather Bolt Bag

- No. 4 canvas with double ply bottom
- Leather trim around top gives easy access
- Leather crescent wrench holders on ends

Mfr	Part #
Graber Harness	04-0035



Bolt Bag

- Top quality US leather
- Diamond tanned for strength
- All seams stitched and riveted for strength and performance
- 8W x 4.5D x 8.5H

Mfr	Part #
Graber Harness	04-0010



Jumbo Bolt Bag

- Handcrafted from top quality US leather
- All seams stitched and riveted for strength and performance
- 10.5W x 4.5D x 8.5H

Mfr	Part #
Graber Harness	04-0010-LG



Arsenal® 5789 Small Zipper Bag

- Storage for pliers, wrenches, and other small hand tools
- 16 oz. canvas
- YKK metal zipper
- Heavy gauge nylon stitching
- 9.75" x 5" x 1"

Mfr	Part #
Ergodyne	5789



Canvas Zipper Bags, 4-Pack

- 4 assorted colors
- No. 10 canvas with heavy-duty brass zipper
- Storage for pliers, wrenches, and other tools and spare parts
- 12-1/2" x 7"

Mfr	Part #
Klein Tools	5140



Hi-Line Glove Bag

- 18" canvas bag
- Two-pocket canvas glove bag

Mfr	Part #
Hi-Line	5905



Hi-Line Canvas Bucket

- Hard side bucket
- 13 outside pockets and 15 inside pockets

Mfr	Part #
Hi-Line	5281



Klein Tools XL Canvas Utility Bag

- Heavy No. 8 natural canvas
- Includes interior pocket
- Reinforced inside bottom
- Formed-top opening
- Metal snaps on loops for easy attachment to belts
- 10" x 12" x 5"
- Top opening size: 9" x 5"

Mfr	Part #
Klein Tools	5141-P

Accessories seen in pictures are not included

More Bags >>>

Bags

Tool Bags (cont.)



Klein Tools Canvas Bull-Pin and Bolt Bag

- No. 4 canvas with double bottom
- Bolt bag with bull-pin loop on each side
- Belt capacity
- 5" x 9" x 10"

Mfr	Part #
Klein Tools	5416



Klein Tools Canvas Bull-Pin and Bolt Bag with Tunnel Loop

- No. 4 canvas with double bottom
- Bolt bag with bull-pin loop on each side
- Belt capacity
- 5" x 9" x 10"

Mfr	Part #
Klein Tools	5416-T



Klein Tools Leather Bull-Pin and Bolt Bag with Tunnel Loop

- Leather version
- Bolt bag with bull-pin loop on each side
- Belt capacity
- 5" x 9" x 10"

Mfr	Part #
Klein Tools	5416-L



Klein Tools 12" & 24" Canvas Tool Bags

- Heavy-duty No. 8 natural canvas
- Rivet-reinforced
- Steel-frame mouth with hinge
- Stitched & riveted leather handles
- Moisture-resistant, vinyl bottom, and lower sides
- Non-scratch studs on base
- Includes leather strap with pad, snaphooks, rings, and fasteners for attaching rings to bags

Mfr	Part #	Description
Klein Tools	5102-12	12" Bag, 12" x 6" x 10"
	5102-24	24" Bag, 24" x 6" x 15"



Gear Bucket

- Bucket remains upright while stacking rope inside
- Semi-rigid sides
- Outside mesh pockets with velcro closures
- Holds up to:
 - 80 m (260') of 10 mm rope
 - 70 m (150') of 11 mm rope
 - 46 m (230') of 12.5 mm rope
 - 30 m of 16 mm rope
- 11" x 14"

Mfr	Part #
PMI	RB44049



Gear Pocket

- Cordura material
- Organize gear without overloading your gear loops
- Attaches to any harness with sleek padded velcro straps
- 2 interior mesh pockets with velcro closure
- 10" W x 7" H x 1.5" D

Mfr	Part #	Color
PMI	SG51150	Red
	SG51168	Black



Tool Bag with Snap Flap

- Long radio pocket
- Drawstring
- 3 pockets: 2 interior, 1 exterior
- 2 interior elastic secure straps
- 12" tall

Mfr	Part #	Description
Straight Ahead	SA-101-ADF-(color)*	Long radio pocket
	SA-101-AEF-(color)*	Short cell pocket



Tool Bag with Hooks

- Short cell pocket
- Drawstring
- 3 pockets: 2 interior, 1 exterior
- 2 interior elastic secure straps
- 12" tall

Mfr	Part #	Description
Straight Ahead	SA-101-BDF-(color)*	Long radio pocket
	SA-101-BEF-(color)*	Short cell pocket

Note: Straight Ahead bags listed above come in the following colors: Red (RD), Navy Blue (NB), Royal Blue (RB), Green (GR), Orange (OR), and Yellow (YE)

Grunt Buckets



Arsenal® 5860 56-Pocket Bucket Organizer

- 1680D ballistic polyester
- 56 pockets: 38 exterior, 18 interior
- Padded cordless drill holster
- Elastic strap for long-handled tools
- Hammer and tape loops
- Security pocket with fastened closure
- Reflective binding
- Fits a 5 gallon bucket

Mfr	Part #
Ergodyne	5860



Arsenal® 5878 6-Pocket Cinch-Up Bag

- 1680D ballistic polyester
- 6 compartments for fasteners, etc.
- Fits inside a 5-gallon bucket
- 13 exterior pockets
- Cinch closure
- Reflective binding
- Nickel-plated grommets
- 10" D x 7" H

Mfr	Part #
Ergodyne	5878



Arsenal® 5730 & 5740 Large Leather Bottom Bucket

- 20 oz. canvas
- Leather reinforced base
- Molded plastic top ring
- PP rope handle
- Interior pocket
- Max safe working capacity: 150 lbs
- 12.5" D x 17" H

Mfr	Part #	Description
Ergo-	5730	PP Rope Handle
dyne	5740	with Swivel Snap



Arsenal® 5734 & 5744 Small Plastic Bottom Bucket

- Small size for easy toting and lighter loads
- Molded plastic base
- Molded plastic top ring
- PP rope handle
- Two interior pockets
- Max Safe working capacity: 75 lbs
- 10" D x 14" H

Mfr	Part #	Description
Ergo-	5734	PP Rope Handle
dyne	5744	with Swivel Snap



Arsenal® 5733 & 5743 Large Plastic Bottom Bucket

- 18 oz. canvas
- Molded plastic base
- Molded plastic top ring
- PP rope handle
- Interior pocket
- Max safe working capacity: 100 lbs
- 12.5" D x 15" H

Mfr	Part #	Description
Ergo-	5733	Bucket
dyne	5743	with Swivel Snap



Arsenal® 5746 Tapered Plastic Bottom Bucket with Swivel Snap

- 18 oz. canvas
- Molded plastic base
- Molded plastic top ring
- PP rope handle
- 15 interior pockets
- 12.5" wide mouth for easy loading
- Nickel-plated swivel snap
- Max safe working capacity: 75 lbs
- 12.5" top D x 13" H

Mfr	Part #
Ergodyne	5746



Arsenal® 5738 & 5739 Canvas Bucket Safety Top

- Easy on, easy off bucket cover for safely hoisting equipment
- Best in class YKK buckles
- Heavy gauge nylon stitching
- PP webbing reinforced

		Fits Ergodyne Buckets:
Mfr	Part #	5730, 5740, 5723, & 5743
Ergo-	5738	
dyne	5739	5734 & 5744



Arsenal® 5630 & 5640 Synthetic Leather Bottom Bucket Swivel (Top Optional)

- 840D Nylon Material
- Leather-reinforced base & interior pocket
- Molded plastic top ring
- PP webbing handle w/ leather reinforcement
- Heavy-gauge nylon stitching
- Maximum safe working capacity: 150 lbs
- 12.5" D x 17" H

Mfr	Part #	Description
Ergodyne	5630	Bucket with Swivel Snap
	5640	Buckets with Tops:
	5630T	Bucket & Top with Swivel Snap & Top
	5640T	Bucket & Top with Swivel Snap & Top



Arsenal® 5633 & 5643 Synthetic Leather Bottom Bucket (Top Optional)

- 840D Nylon Material
- Molded plastic base
- Molded plastic top ring
- Maximum safe working capacity: 100 lbs
- Interior pocket
- 12.5" D x 17" H

Mfr	Part #	Description
Ergodyne	5633	Bucket with Swivel Snap
	5643	Buckets with Tops:
	5633T	Bucket & Top with Swivel Snap & Top
	5643T	Bucket & Top with Swivel Snap & Top

Accessories seen in pictures are not included

"Never tell me the sky's the limit when there are footprints on the moon"

[More Bags >>>](#)

Grunt Buckets (cont.)



Heavy-Duty Tapered Wall Bucket with Swivel Snap

- Tough No. 4 canvas
- Riveted leather glove strap
- Comes with swivel snap
- Black molded polypropylene bottom
- Rope handle
- 12" D top (9" D bottom) x 12" H

Mfr	Part #
Klein Tools	5103S



Oval Bucket with 41 Pockets

- No. 6 canvas
- 41 pockets: 26 interior, 15 exterior
- Tripod suspension rope for greater stability
- Rope handle
- Equipped with swivel snap-hook
- Black molded polypropylene bottom
- 14" L x 7" W x 10" H

Mfr	Part #
Klein Tools	5152S



Oval Bucket with 15 Interior Pockets

- No. 6 canvas
- 15 interior pockets
- Tripod suspension rope for greater stability
- Rope handle
- Equipped with swivel snap-hook
- Black molded polypropylene bottom
- Rope handle
- 14" L x 7" W x 10" H

Mfr	Part #
Klein Tools	5144S



Leather Bottom Bucket with Swivel Snap

- No. 1 canvas
- Leather-reinforced bottom extends 3" (76 mm) up the sides
- Inside pocket measures 8" x 8"
- Rope handle
- Comes with swivel snap
- 12" D x 17" H

Mfr	Part #
Klein Tools	5104S



Tool Organizer

- Constructed of double-layered, 600 x 300 denier polyester
- Water-resistant
- 45 pockets: 10 interior, 35 exterior
- Heavy-duty webbing keeps pockets open for easy access to supplies & tools
- Fits standard 5-gallon bucket

Mfr	Part #
Klein Tools	5777



10-Compartment Draw String Bag

- 12 oz. olive canvas
- 10 compartments to hold small parts
- Drawstring for easy closing
- 11" D x 6" H

Mfr	Part #
Klein Tools	5151

Accessories seen in pictures are not included

CORDLESS

Band Saws

18V Band Saw

- 2-1/2" cut capacity cuts up to 2" SCH 40 pipe
- Superior balance and ergonomics allows for more accurate cuts and less user fatigue
- Integrated hang hook allows user to hang the saw without damaging the front handle or base
- Blade tracking adjustment increases blade life by providing better blade tracking
- Tool less blade changing lever loosens blade tension to allow for blade change
- Dual bearing blade guide rollers provides increased durability in the blade support system
- Ergonomic soft grip back handle provides comfort and flexibility

Mfr	Part #	Size
DeWalt	DCS370B	Tool Only
	DCS370K	Kit: 1 hour charger, 14/18 blade, blade tracking wrench, and contractor bag



Circular Saws

18V Circular Saw Kit

- 3,700 RPM for fast rip cuts and cross cuts 6-1/2" carbide tipped blade for 2x cutting capacity at 90° and 45°
- High strength magnesium shoe and upper guard provides increased durability for long-term cut accuracy
- 0-50° bevel capacity provides additional capacity for a multitude of applications
- Fan-cooled motor with replaceable brushes for maximum power and durability
- XRP™ extended run-time batteries provide long run-time and battery life
- Kit includes: (1) 18V XRP battery, 1 hour charger, carbide tipped blade, blade wrench, and kit box

Mfr	Part #
DeWalt	DC390K



Reciprocating Saws

18V Reciprocating Saw

- 1-1/8" stroke length for faster cutting speed
- 0-3,000 spm for faster cutting speed
- 4-position blade clamp allows for flush cutting and increased versatility
- Lever-action keyless blade clamp for quick and easy blade changes
- Anti-slip comfort grip provides increased comfort and control
- Pivoting adjustable shoe with open top for maximum visibility
- Variable speed with trigger lock for increased blade control

Mfr	Part #	Size
DeWalt	DC385B	Tool Only
	DC385K	Kit includes: (1) 18V XRP battery, 1 hour charger, and kit box



SDS Rotary Hammers

SDS Hammer

- Compact L-Shape Design allows access in tight spaces
- SHOCKS™ - Active Vibration Control significantly reduces vibration and increases user comfort
- 1.7 ft-lbs impact energy provides corded power without the cord
- Variable speed, reversing switch delivers versatility in all applications
- Factory-set clutch reduces sudden, high torque reactions if bit jams
- Electro-pneumatic hammer mechanism for fast penetration and low vibration
- 360° side handle for better control and ease of use in tight spaces

Mfr	Part #	Size
	DC212B	Tool Only
DeWalt	DC212KA	Kit includes: 1 hour charger, (2) 18V XRP batteries, 360° side handle, depth rod, and kit box



More Cordless Tools and Kits >>>

CORDLESS



Cut-Off Tools

4-1/2" 18V Cordless XRP Cut-Off Tool

- 6,500 rpm provides high power for cutting and grinding applications
- Convenient trigger switch with lock-off button for easier gripping
- 2 Position side handle offers greater comfort and control
- Quick-Change™ Wheel Release allows tool free wheel removal without need for a wrench
- Low profile, jam-pot gear case provides precise gear alignment for a smoother, quieter transmission while allowing access to tight spaces

Mfr	Part #
DeWalt	DC411KA



Drill/Drivers

1/2" 18V Cordless XRP Drill/Driver Kit

- XRP™ extended run-time batteries provide long run-time and battery life
- Patented 3-speed all-metal transmission matches the tool to task for fastest application speed
- Heavy-duty 1/2" ratcheting chuck helps prevent bits from slipping and falling out
- LED worklight provides increased visibility in confined spaces
- High power, high efficiency motor delivers 450 unit watts out of max power for superior performance in all drilling and fastening applications
- Best in class length for improved balance and better control
- Kit includes: 1 hour charger, (2) 18V XRP batteries, 360° side handle, and kit box

Mfr	Part #
DeWalt	DCD940KX

Hammerdrills



18V XRP Hammerdrill/Drill/Driver

- Patented 3-speed all-metal transmission matches the tool to task for fastest application speed
- Heavy-duty 1/2" metal ratcheting chuck with carbide inserts provides bit gripping strength
- LED worklight provides increased visibility in confined spaces
- High power, high efficiency motor delivers 450 unit watts out of max power for superior performance in all drilling and fastening applications
- Best in class length for improved balance and better control

Mfr	Part #	Size
	DCD950B	Tool Only
DeWalt	DCD950KX	Kit includes: 1 hour charger, (2) 18V XRP batteries, 360° side handle, and kit box



20V MAX Lithium Ion Premium 3-Speed Hammerdrill Kit

- DEWALT® 20V Max* Lithium Ion batteries offer longer tool runtime & enhanced durability
- 3-speed all-metal transmission matches the tool to task for fastest application speed
- Heavy-duty 1/2" metal ratcheting chuck with carbide inserts provides bit gripping strength
- LED light with 20 second delay after trigger release
- High power efficiency motor delivers 535 unit watts out of max power for superior performance in all drilling and fastening applications
- Kit includes: 1 hour charger, (2) 20V Max Lithium Ion batteries, 360° side handle, and kit box

Mfr	Part #
DeWalt	DCD985L2

CORDLESS

Impact Drivers

1/4" 18V Cordless Impact Driver

- Compact size and weight with frameless motor for extended tool durability and life
- 1,330 in-lbs of torque to perform a wide range of fastening applications
- 0-2,400 rpm/0-2,700 ipm for faster application speed
- Replaceable brushes for increased serviceability
- Durable magnesium gear case and all metal transmission for extended durability
- Heavy-duty impacting mechanism directs torque to fastener without kickback

Mfr	Part #	Size
DeWalt	DC825B	Tool Only
	DC825KA	Kit includes: 1 hour charger, (2) 18V XRP batteries, and kit box



1/4" 20V MAX Lithium Ion Impact Driver Kit

- Compact (5.55" front to back), lightweight (3.4 lbs) design fits into tight areas
- (3) LED lights with 20 second delay after trigger release, provide visibility without shadows
- One-handed loading 1/4" hex chuck accepts 1" bit tips
- Belt hook included for portability
- Kit includes: DCF885 1/4" Impact Driver, (2) 20V MAX Lithium Ion 3.0Ah battery packs, fast charger, belt hook, and kit box

Mfr	Part #
DeWalt	DCF885L2



Impact Wrenches

1/2" 18V Cordless Impact Wrench

- Compact size and weight with frameless motor for extended tool durability and life
- 1,740 in-lbs of torque to perform a wide range of fastening applications
- 0-2,400 rpm/0-2,700 ipm for faster application speed
- Replaceable brushes for increased serviceability
- Durable magnesium gear case and all metal transmission for extended durability
- Heavy-duty impacting mechanism directs torque to fastener without kickback

Mfr	Part #	Size
DeWalt	DC820B	Tool Only
	DC820KA	Kit includes: 1 hour charger, (2) 18V XRP batteries, and kit box



1/2" 18V Cordless Impact Wrench

- 300 ft-lbs of maximum torque to perform a wide range of heavy-duty fastening applications
- 1,650 rpm/2,600 ipm for faster application speed
- Rocker switch design for fast and easy fastening
- Durable magnesium gear case and all metal transmission for extended durability
- Heavy-duty impacting mechanism directs torque to fastener without kickback

Mfr	Part #	Size
DeWalt	DW059B	Tool Only
	DW059K-2	Kit includes: 1 hour charger, (2) 18V XRP batteries, and kit box



1/2" 36V Li-ion & Impact Wrench Kit

- DEWALT®-built high torque, high efficiency motor with replaceable brushes delivers maximum performance in all fastening applications
- DEWALT® exclusive lithium ion cells offer long battery life & durability: 2,000 recharges
- Preferred rocker switch design for fast and easy forward and reverse
- Patented all-metal anvil provides durability and prevents shearing
- Anti-slip comfort grip provides increased comfort and control
- High speed all-metal transmission delivers 1,400 rpm for increased productivity
- Kit includes: 1 hour charger, (2) 36V Li-ion packs, and kit box

Mfr	Part #
DeWalt	DC800KL



More Cordless Tools and Kits >>>

CORDLESS

Tool Combo Kits



12V MAX Combo Pack

12V MAX Combo Pack

- DCD710 12V MAX* 3/8" drill/driver features two speed transmission (0-400 / 0-1,500)
- DCF815 12V MAX* 1/4" impact driver features 3 LED lights to provide visibility
- Kit includes: DCD710 3/8" drill/driver, DCF815 1/4" impact driver, (2) 12V MAX Li-ion batteries, fast charger, bit tip, (2) belt hooks, and contractor bag

Mfr	Part #
DeWalt	DCK21152



18V Tool Combo Packs

18V Cordless XRP Hammerdrill/Reciprocating Saw Combo Kit

- DCD950 18V XRP™ cordless hammerdrill with patented 3-speed all-metal transmission and 1/2" metal ratcheting chuck with carbide inserts delivers 450 units watts out of maximum performance, faster application speed, and superior bit retention
- DC385 18V cordless reciprocating saw with keyless blade clamp allows for quick blade change without touching blade or reciprocating shaft

Mfr	Part #
DeWalt	DCK251X



18V Cordless XRP Hammerdrill/Impact Driver Combo Kit

- DCD950 18V XRP™ cordless hammerdrill with patented 3-speed all-metal transmission and 1/2" metal ratcheting chuck with carbide inserts delivers 450 units watts out of maximum performance, faster application speed, and superior bit retention
- DC825 18V impact driver delivers 1,330 in-lbs of torque and 0-2,400 rpms offering power and speed to perform a wide range of fastening applications at faster speeds

Mfr	Part #
DeWalt	DCK255X



18V Cordless 4-Tool Combo Kit with XRP Li-Ion Battery Packs

- DCD775 18V 1/2" hammerdrill delivers 350 unit watts out of maximum power
- DW938 18V reciprocating saw with keyless blade clamp allows for quick blade change without touching blade or reciprocating shaft
- DC390 18V circular saw with 6-1/2" carbide blade can cut 2x4's at a 45° angle in a single pass
- DW908 18V pivoting head flashlight which allows light to be projected in any direction
- XRP™ Li-Ion extended run-time batteries provide long run-time and battery life

Mfr	Part #
DeWalt	DCK460L



18V Cordless XRP 6-Tool Combo Kit

- DCD950 18V XRP™ cordless hammerdrill with patented 3-speed all-metal transmission and 1/2" metal ratcheting chuck with carbide inserts delivers 450 units watts out of maximum performance, faster application speed, and superior bit retention
- DC390 18V circular saw with 6-1/2" carbide blade can cut 2x4's at a 45° angle in a single pass
- DC385 18V cordless reciprocating saw with keyless blade clamp allows for quick blade change without touching blade or reciprocating shaft
- DC825 18V impact driver with 1,330 in-lbs of maximum torque
- DC411 18V cut-off tool with 6,500 rpm provides high power for cutting and grinding applications
- DW919 18V flexible floodlight provides hands-free use

Mfr	Part #
DeWalt	DCK655X

20V MAX Tool Combo Pack

20V MAX Lithium Ion 5-Tool Combo Kit

- DCD985 20V MAX* hammerdrill with patented 3-speed all-metal transmission and 1/2" all metal ratcheting chuck delivers 535 units watts out of maximum performance, faster application speed, and superior bit retention
- DCS381 20V MAX* reciprocating saw with keyless blade clamp allows for quick blade change without touching blade or reciprocating shaft
- DCF885 20V MAX* 1/4" impact driver features 3 LED lights with 20 second delay
- DCS393 20V MAX* circular saw with 6-1/2" carbide blade can cut 2x4's at a 45° angle in a single pass
- DCL040 20V MAX* LED work light delivers 110 lumens of light output



Mfr	Part #
DeWalt	DCK590L2

CORDED

Band Saw Kit

Deep Cut Band Saw Kit

- 110 amp motor designed with controlled power to withstand any jobsite application
- Industry best 5" deep cut capacity for round or rectangular stock
- Serviceable steel shroud and rubber bumpers allow guards to withstand jobsite abuse
- LED sight light allows the user to see cut line in dark jobsite environment
- Integrated hang hook allows user to hang the saw without damaging front handle or castings
- Variable speed dial allows user to vary speed for specific materials and various applications (100-350 spm)
- Multi-position adjustable large front handle offers the user plenty of hand space
- Externally replaceable brushes allow for quick repairs on the jobsite



Mfr	Part #
DeWalt	DWM120K

Circular Saws

7-1/4" Lightweight Circular Saw

- 9.5 lb. lightweight with 15 Amp, 2,200 MWO motor
- 56° beveling capacity with stops at 45° and 22.5° allows for aggressive bevel cuts while allowing user to locate common angles quickly
- Magnesium shoe designed for increased durability
- Clear line of sight aids in blade visibility from any angle
- Lower guard design improves performance when making bevel cuts and cutting shims



Mfr	Part #
DeWalt	DW368

7-1/4" Worm Drive Circular Saw

- 13.8 lbs. Lightweight magnesium construction with durable cast magnesium footplate
- Extra wide saw hook accepts material up to 2-1/2" wide
- TOUGHCORD™ Cord Protection System provides 4x better cord jerk protection
- 53° Bevel capacity for advanced applications
- Bevel detents at 22.5° and 45° for fast and accurate setting to common angles
- Dual rip ports to accept available DWS5100 12" Dual Port Rip Guide
- Top-accessible spindle lock enables easier and faster blade changing



Mfr	Part #
DeWalt	DWS535

[More Corded Tools and Kits >>>](#)

CORDED

Miter Saw and Stand



Miter Saw

- Integrated XPS cross cut positioning system provides adjustment free cut line indication
- Powerful 15 Amp, 3,800 rpm motor delivers extended power and durability
- Super efficient dust collection system captures over 75% of dust generated
- Tall sliding fences support crown molding up to 7-1/2" nested and base molding up to 6-3/4" vertically against the fence while easily sliding out of the way for bevel cuts
- Exclusive Back Fence Design cuts up to 2x16 dimensional lumber at 90° and 2x12 at 45°
- Adjustable stainless steel miter detent plate with 10 positive stops
- Miters 60° to the right and 50° to the left providing increased capacity
- Oversized bevel scale makes bevel angle adjustments accurate and easy
- Cam lock miter handle with detent override deliver quick and accurate miter angles
- Dual horizontal steel rails with innovative clamping mechanism and linear ball bearings

Mfr Part #
DeWalt DWS780



Heavy Duty Miter Saw Stand

- Lightweight aluminum, universal design works with all brands of miter saws
- 5-1/2' beam extends to support up to 16' of material and up to 500 lbs.
- Legs provide superior support and fold for easy storage
- Work stops/supports can be repositioned quickly anywhere along the rail
- Non-marring feet on tool mount will not scratch material
- Extension Lock Levers allow for fast and secure tightening of extensions
- Miter saw not included

Mfr Part #
DeWalt DWX723



Reciprocating Saw Kit

10.0 Amp Reciprocating Saw Kit

- 4-position blade clamp allows for flush cutting and increased versatility
- Powerful 10.0 Amp motor designed for heavy-duty applications
- Keyless lever-action blade clamp for quick and easy blade changes
- 0-2,800 strokes per minute and 1-1/8" stroke length deliver fast cutting
- Variable speed trigger allows user to instantly control speed at the trigger
- Kit includes: carry case and instruction manual

Mfr Part #
DeWalt DW304PK



1/2" VSR Drills

1/2" Corded VSR Drill

- Helical-cut steel, heat-treated steel gears for long life and durability
- Metal gear housing for jobsite durability and increased reliability
- Two-finger, rubber trigger for increased comfort
- 360° side handle for greater control and versatility

Mfr Part #
DeWalt DW235G

CORDED

SDS Rotary Hammers

1" D-Handle Three Mode SDS Hammer

- 2.5 ft-lbs of impact energy provide fast drilling and powerful chipping
- 8.0 Amp motor provides high performance and overload protection
- Reverse feature assists in the removal of fasteners
- Variable speed allows for precise hole placement on work surface
- Factory-set clutch reduces sudden, high torque reactions if bit jams
- 360° side handle adjusts easily for preference or use in tight spaces

Mfr	Part #
DeWalt	D25213K



Hammerdrills

1/2" VSR Pistol Grip Hammerdrill Kit

- 10.0 Amp motor delivers increased drilling performance
- Patented DEWALT built motor design generates 50% more power
- Dual Mode: hammerdrill / drill for versatility in masonry, wood, or steel drilling applications
- 2-Speed range for high speed drilling or high torque applications
- Metal gear housing for jobsite durability and increased reliability
- 360° locking side handle with soft grip for greater control and versatility
- Kit includes: 360° locking side handle, steel depth rod, chuck key with holder, and kit box

Mfr	Part #
DeWalt	DWD520K



Impact Wrenches

1/2" Impact Wrench Kit

- 345 ft-lbs of deliverable torque in forward and reverse
- 1/2" detent pin anvil
- AC/DC forward/reverse rocking switch
- Soft grip allows for superior ergonomics
- Ball bearing construction for increased durability
- Includes kit bag

Mfr	Part #
DeWalt	DW292K



Screwdrivers

1-3/4" SDS Max Combination Hammer Kit with SHOCKS - Active Vibration Control & 2 Stage Clutch

- SHOCKS - Active Vibration Control® Reduces vibration felt by the user at the handles
- 2-Stage clutch provides maximum control in bind up situations
- 9.5 ft-lbs. of Impact Energy provides fast drilling and powerful chipping
- 13.5 Amp high-performance motor provides high performance & overload protection; 210-415 rpm; 1430-2840 bpm
- Trigger lock-on reduces user fatigue while chipping
- Chisel rotation mode allows the user to turn the chisel without having to remove it.

Mfr	Part #
DeWalt	D25602K



[More Coded Tools and Kits >>>](#)

CORDED

Small Angle Grinders

4-1/2" Small Angle Grinder



- 10.0 Amp AC/DC 11,000 rpm motor designed for faster material removal
- Dust Ejection System™ provides durability by ejecting damaging dust and debris particles
- Low profile, jam-pot gear case provides precise gear alignment for a smoother transmission
- One-piece brush arm prevents brush hang-up due to dust ingestion
- Quick-Change™ Wheel Release allows tool free wheel removal without need for a wrench
- Auto-off brushes shut the tool down when the brushes need replacing to avoid tool damage
- Oversized, protected spindle lock button provides easier and quicker wheel changes
- Matching wheel flanges allow the use of common accessories

Mfr	Part #
DeWalt	D28402

Heatgun



Lightweight and Compact Heat Gun




- Variable temperature control allows for adjustment of the heat settings
- Built-in overload protection shuts the heating element down and prevents burn up
- Built-in innovative kickstand support provides greater stability and prevents tip over
- Separate Internal Components allows maintenance on both the motor and the heating element

Mfr	Part #
DeWalt	D26950


Cutting and Grinding Wheels

	Part #	Description	Diameter	Thickness	Arbor	Grit	Max RPM	Qty in Pack
DeWalt	 DW8062 Z	.045" Metal Cutting	4-1/2"	.045"	7/8"	A60T	13,300	25
	 DW4514B5	1/4" Metal and Stainless Grinding	4-1/2"	1/4"	7/8"	A24R	13,300	5


High Performance Type 27 Flap Discs

	Part #	Description	Arbor	Grit	Max RPM	Qty in Pack
DeWalt	 DW8351	High Performance Type 27 Flap Disk	7/8"	Z40	13,300	10

Percussion Sets

	Part #	Description	Includes
DeWalt	 DW5207 Y	7 pc. Premium Percussion Masonry Drill Bit Set	3/16"x3" (2) 1/4"x4" 1/4"x6" 5/16"x6" 3/8"x6" 1/2"x6"

SDS Plus Bits

	Part #	Description	Diameter	Usable Length	Overall Length
DeWalt	 DW5448	SDS Plus Masonry Drill Bits	5/8"	16"	18"

Batteries and Chargers



DeWalt	Part #	DC9071*	DC9096-2	DC9180C*	DC9310*	DC9319*	DC9320*
	Type	12V XRP Battery	18V XRP Battery Combo Pack	1 Hour Charger & 18V XRP Li-Ion Battery	7.2V-18V NiCd/ NiMH/Li-Ion Fast Charger	7.2V-18V NiCd/ NiMH/Li-Ion 1 Hour Vehicle Charger	7.2V-18V NiCd/ NiMH/Li-Ion 1 Hour Dual Port Charger
	Detailed Description	Powers DEWALT® 12V tools	Powers DEWALT® 18V tools	Powers DEWALT® 18V tools and Charges DEWALT® 7.2V - 18V NiCd/ NiMH/Li-Ion batteries	Charges DEWALT® 7.2V - 18V NiCd/ NiMH/Li-Ion batteries in 1 hour or less	Charges 7.2V-18V NiCd/NiMH/Li-Ion DEWALT® batteries from vehicle power outlet in 1 hour or less	Charges 2 DEWALT® 7.2V - 18V NiCd/ NiMH/Li-Ion batteries in 1 hour or less
	Quantity	1 Battery	2 Batteries	1 Battery & 1 Charger	1 Charger	1 Charger	1 Charger (for 2 batteries)

*Does not charge/power Univolt batteries

Reciprocating Saw Blades

Premium Metal Reciprocating Saw Blades

	Part #	Type	Blade Length	TPI	Blade Type	Qty in Pack
	DWA4186	Premium Metal	6"	14/18	Straight	5
	DWA4188	Premium Metal	6"	14/18	Straight	5
	DWA41812	Premium Metal	12"	14/18	Straight	5

Metal Cutting Reciprocating Saw Blades

DeWalt

	DW4811	Metal Cutting	6"	18	Straight	5
	DW4821	Metal Cutting	8"	18	Straight	5

Wood Cutting Reciprocating Saw Blades

	DW4802-2	Wood Cutting	6"	6	Taper	2
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Reciprocating Saw Blade Set

	DW4890	15 pc. Bi-Metal Saw Blade Set with Medium TOUGH CASE®	Includes: (5) 6" Wood Cutting Blades, 6 TPI (DW4802) (5) 6" Metal Cutting Blades, 14 TPI (DW4808) (5) 6" Metal Cutting Blades, 18 TPI (DW4811)			
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Jobsite Essentials >>>



DeWalt Jobsite Essentials



Flashlight

18V Fluorescent Area Light

- Built-in telescoping and 360° rotating hook allows unit to hang from 2" materials
- Over-molded lens cover provides increased durability on the jobsite
- 13 Watt Fluorescent bulb provides bright area lighting
- Twist and lock tool-free lens cover allows for quick and easy bulb change
- Pre-heat circuit helps eliminate blackening at the base of the bulb
- Runs on the 18V battery system for longer run-time
- Battery sold separately (pg 109)

Mfr	Part #
DeWalt	DC527



Worklight

Corded/Cordless Worklight

- Cordless/corded 38W Fluorescent worklight runs on 12-18V NiCd/NiMH/Li-Ion DEWALT batteries or AC power and provides area lighting without the extreme heat of halogen
- Power outlets offer more versatility for jobsite power
- Spring loaded battery hold down keeps batteries in place when transporting from place to place
- Compact design provides quick and easy fold-up, transport, and storage

Mfr	Part #
DeWalt	DC020

Vacuums and Vacuum Attachments

2 Gallon Cordless/Corded Wet/Dry Vac



- Runs off of 12V-18V DEWALT battery packs or 120V AC
- Gore™ wet/dry filter traps 99.7% of drywall dust
- Wet/Dry Filter Eliminates Change Overs
- Washable filter; tap or water rinse to clean
- Heavy-duty rubber hose provides durability and flexibility
- Drain port on tank for easy emptying of liquids
- On-board hose, cord and accessory storage provides convenient transport and storage

Mfr	Part #	Description
DeWalt	DC500	2 Gallon Cordless/Corded Wet/Dry Vac
	DC5001H	HEPA Replacement Filter for DC500



Worksite Radio/Charger

Worksite Radio/Charger

- 1 hour charger for 7.2V to 18V DEWALT battery packs (except Univolt®)
- Includes power outlets and runs off of 12V to 18V DEWALT batteries making it a cordless radio
- 3-stage charging system provides maximum run-time and extends overall life of the battery
- AM/FM Digital Tuner with LCD display, built-in clock, and 15 station memory presets
- High efficiency weather resistant speakers with dual bass ports for maximum bass and range
- Auxiliary port allows connection to CD Players, MP3 Players, and portable satellite receivers with an audio cable (cable not included)

Mfr	Part #
DeWalt	DC012



ANRITSU

Primus Electronics is proud to have teamed up with Anritsu to offer the following certification courses in the tower industry:

Anritsu Site Master™ Certified Line Sweep Training

2 Day Course

This intense, hands-on course focuses on RF-line sweep theory, technology, and practical applications. Students will learn the skills necessary to install, test, and maintain RF cable feed lines and antenna systems and gain unique insights to line sweeping projects. Upon successful completion of the course, which includes a certification exam, students will receive a Site Master Certificate of Completion along with a photo identification card.

Attendees should include:

- Wireless Carriers
- Base Station OEMs
- Tower Companies
- Field Engineers
- Installers
- Site Managers

Upon successful completion of the course, students will learn:

- Technical aspects of line sweeping
- How to set up a line sweep
- How cable length, cable type, and system components affect line sweep measurements
- How to use DTF to get accurate and meaningful distance to fault results
- How to identify, locate, document, and resolve cable line transmission faults

e-Learning Courses

These courses are offered at no charge through Anritsu. All you need to do is register for the course(s) on Anritsu's website. Registration will give you access for 30 days and you can view the course as often as you like.

Site Master Line Sweep Web-Based eLearning Course

This on-line course provides training on the basics of line sweeping and operation of Site Master. This is not a certification course.

Line Sweep Interpretation Web-Based eLearning Course

On-line course that provides training on how to interpret Line Sweep data and how to use Handheld Software Tools and Master Software Tools. It includes instruction on important technical terms, how a Line Sweep measurement is made, what reflections look like, and how to determine if they are in spec or not. This is not a certification course.

Protecting Performance eLearning Course

This on-line course provides training on maximizing the life of your handheld test equipment such as the Site Master, calibration components, and power sensors. A passing score results in the opportunity to print a training certificate.

Site Master TMA Measurements Web-Based eLearning Course

Free on-line course that provides training on performance verification of Tower Mount Amplifiers. The course includes quiz questions and the opportunity to print a training certificate at the end of the course if you pass the test.

Master Software Tools (MST) Web-based eLearning Course

Free on-line course that provides training on use of Master Software Tools™ (MST) as it relates to Line Sweep data. Learn how to open, annotate, and save files. Features a demo of the software and tips for productivity enhancement. The online course takes less than an hour to complete.

Introduction to Spectrum Analysis Web-based eLearning Course

This on-line course provides training on the basics of spectrum analysis. It is a beginner level course and there are no prerequisites. A virtual spectrum analyzer is included and is used for virtual labs in a demonstration of key concepts.

All of the above e-Learning courses can be accessed online at www.anritsu.com

REGISTRATION INFORMATION

For more information or to register for the class listed above,
call Primus Electronics at (800) 435-1636 or visit us online at www.primuselectronics.com.

Training Classes



All courses can be taken to earn a Basic Certificate in Communications Industry Safety Training, an Accreditation Program offered on-site or by Kankakee Community College, Kankakee, IL.

CITCA Certifications

Primus Electronics is proud to have teamed up with Communications Industry and Training Certification Academy (CITCA) to offer the following certification courses in the tower industry:

Authorized Climber Certification

8 Hour Class

Prepares individuals with little or no experience to be able to safely climb and work on towers of various types and styles. Upon completion of this program, the authorized climber should be able to demonstrate proper knowledge, understanding, and application of the equipment used, as well as safe practices to be employed at all times when he or she is working on the tower. The course is designed in cooperation with OSHA and meets or exceeds all of the recommended training called for in the NATE guidelines for Qualified Climber. Upon successful completion, each student will receive a wallet card certifying them as an Authorized Climber.

Tower Rescue and Competent Climber Certification

(3) 8 Hour Days

This course exceeds the minimum requirements set by OSHA for the tower erection industry. Course contents includes, but is not limited to: rescue training, knowledge of fall arrest systems, anchors, and Accident Reporting procedures. The course is taught by vertical rescue specialists and experts in the tower erection and rescue industry.

Train-the-Trainer Courses

Training is a critical component in safe work practices. It is an expensive component as well. And sometimes, scheduling training around work schedules and client deadlines is nearly impossible. CITCA's Train the Trainer program gives you the opportunity to have your own employees trained as CITCA instructors, and allows you to offer CITCA's acclaimed training courses as an in-house program, using your instructors, at your facility, at your convenience, and at a substantially lower cost. At the same time, upon completion, your employees still receive CITCA certification, which is recognized and accepted across the nation.

Train-the-Trainer Courses available in the following:

Authorized Climber Train the Trainer

Trains the instructor to teach Authorized Climber, a one day certification course that teaches basic tower climbing and tower safety techniques.

Tower Rescue / Competent Climber Train the Trainer

Trains the instructor to teach Tower Rescue and Competent Climber, a 24-hour course that provides training in advanced tower climbing techniques, as well as lifesaving training in techniques of self-rescue and partner rescue.

NOTE: All CITCA Train-the-Trainer instructors must first hold CITCA certification in the class they are being trained to teach

Other Available Classes

Advanced Understanding of Rigging and Ropes, 8 Hour Class

OSHA Construction Industry, 10 Hour Class

Tower Erection Basics, 8 Hour Class

RF Safety and Hazard Awareness, 8 Hour Class

Emergency Medical Response, 8 Hour Class

REGISTRATION INFORMATION

For more information or to register for any of the classes listed above, call Primus Electronics at (800) 435-1636 or visit us online at www.primuselectronics.com.



HARGER Educational Presentations

Primus Electronics is proud to have teamed up with Harger to offer the following educational presentations in the tower industry:

General Grounding & Bonding

60 Minute Presentation

Provides an overview of electrical grounding and bonding and the role it plays as the foundation to any electrical protection and power quality scheme. Relevant codes, standards and practices, as well as the elements of a properly designed grounding system will be reviewed. The purpose and means for equipment and system grounding will be presented. The hazards of step and touch potentials will be discussed and how they are eliminated as a threat to personal safety. Soil and ground system testing will be discussed and their importance to system design. Grounding and bonding for lightning protection, computer installations, and telecommunications will also be reviewed.

Ultraweld Exothermic Welding Certification Training (Classroom and Hands-On)

90 to 120 Minute Presentation

Provides an understanding of the Ultraweld exothermic welding process. The exothermic welding process is presented as a means of making permanent electrical grounding connections. The tools required to make a connection as well as the inspection process are discussed. This course includes hands-on training and the certification process.

Lightning Protection Systems

60 Minute Presentation

Provides the audience with a review of lightning and the need for lightning protection systems. The Basic Principles of Lightning Protection are discussed—technology universally recognized and approved by the worldwide academic community. Also discussed are unapproved non-conventional lightning protection devices such as early stream emitters (ESE) and charge transfer systems (CTS) which promote technically unaccepted claims of increased areas of protection, or the ability to prevent lightning strikes entirely. The method for conducting a Lightning Risk Assessment (per NFPA780) is presented. Applicable lightning protection Codes and Standards are presented. The basic components of a traditional Franklin Style Lightning Protection Systems are reviewed.

Lightning Protection & Grounding Wireless Communications Sites

100 Minute Presentation

Covers the approaches taken and products used for grounding wireless communication sites. Focus is placed on the different types of ground electrodes used and recommendations for difficult grounding conditions. Ultraweld exothermic connections are discussed as well as consideration for different types of ground conductors. Ground system design considerations are discussed including soil conditions and site conditions/applications such as raw land, co-locate, and rooftop. Ground test procedures are also reviewed and standards are addressed.

Basics of Ground Testing

45 Minute Presentation

Reviews the different types of testing procedures and equipment used for soil resistivity and ground system testing. Focus is placed on the 4-Point Wenner test for soil resistivity measurements and the 3-Point Fall-of-Potential Method for measuring the resistance to remote ground of a ground electrode system. Clamp-on ground testers are discussed with focus on the advantages and the disadvantages of this method for measuring ground resistance.

REGISTRATION INFORMATION

For more information or to register for any of the classes listed above, call Primus Electronics at (800) 435-1636 or visit us online at www.primuselectronics.com.



BIRD Technologies Training

Primus Electronics is proud to have teamed up with BIRD Technologies to offer the following certification courses in the tower industry:

Site Analyzer Certificate Training*

2 Day Course

Bird® Technologies offers specialized training for all of its Site Analyzer (SA) family of products from the SA-1700EX, 1700-EXP, SA-2500EX and SA-6000EX. Bird® Site Analyzers® (pages 131-132) are an easy-to-operate, user friendly solution for troubleshooting even the most complex antenna and feed line systems. The Site Analyzer provides sweep and match data, showing VSWR, Return Loss, or Cable Loss (Insertion Loss) depending upon the users preference, as well as distance to fault measurement for system repair and maintenance. Topics will include basic RF theory, site overview and operation, equipment set-up and use, test and measurement of feed line and antenna system characteristics, and documentation and report analysis.

Attendees should include: Cell Site Manager, Site Technicians, Field Engineers, Site Installers, Cell Carriers, and Construction Companies

Line & Antenna Sweeping Certificate Training*

2 Day Course

Bird Technologies Global Educational Services offers specialized training for all of its Site Analyzer® (SA) family of products from the SA-1700EX, 1700EXP, SA-2500EX and SA-6000EX, as well as the Anritsu Site Master®. Topics will include basic RF theory, site overview and operation, equipment set-up and use, test and measurement of feed line and antenna system characteristics, and documentation and report analysis. Training centers on a practical, real-world approach to line sweeping and distance to fault measurement. Upon completion of training, each participant will receive Site Analyzer® or Site Master® certification, issued by Bird Electronic Corporation, that shows the participant has acquired the skills and understanding to successfully operate the Bird Site Analyzer or Anritsu Site Master under the field conditions covered by the course.

Attendees should include: Cell Site Manager, Site Technicians, Field Engineers, Site Installers, Cell Carriers, and Construction Companies

*Non-certification classes are also available which do not include testing, but does offer familiarization training with the products and processes. Good for those needing an overview or refresher, but not in-depth operational training.

REGISTRATION INFORMATION

For more information or to register for any of the classes listed above,
call Primus Electronics at (800) 435-1636 or visit us online at www.primuselectronics.com.



BIRD Technologies Training

Primus Electronics is proud to have teamed up with BIRD Technologies to offer the following certification courses in the tower industry:

Bird Signal Hawk Certificate Training*

2 Day Course

Signal investigation techniques have never been easier with the use of portable equipment including the Bird Signal Hawk. The Signal Hawk is a hand-held spectrum analyzer which will aid in understanding the RF environment in an area or the RF output of a device. The class primarily focuses on the Bird Signal Hawk and its initial implementation as a spectrum analyzer. Upon completion of training, each participant will receive a Bird Spectrum Analyzer Certification, issued by the Bird Technologies Group, that shows that the participant has acquired the skills and understanding to successfully operate the Bird Signal Hawk under field conditions covered by the course.

Attendees should include: Field Engineers, Shop Technicians, Design Engineers, Communications Contractors, Site Construction Companies, and Communication Site Managers

In-Building Coverage Certificate Training

2 Day Course

TX RX Systems Inc., part of the Bird Technologies Group, through GES, offers specialized training in the assessment, design, installation and commissioning of RF coverage enhancement systems, as well as comprehensive, hands-on training in the operation and optimization of the TX RX Signal Booster product line. Topics will include basic RF theory, FCC rules and regulations governing Signal Booster systems, typical applications, system design and optimization, equipment set-up and use, and system maintenance. Upon completion of training, each participant will receive Signal Booster II certification, issued by the BTG/GES, that shows the participant has acquired the skills and understanding to successfully operate the Signal Booster II under the field conditions covered by the course.

Attendees should include: RF Site Manager, RF Site Technicians, RF Site Installers, RF Field Engineers, and RF System Engineers

*Non-certification classes are also available which do not include testing, but does offer familiarization training with the products and processes. Good for those needing an overview or refresher, but not in depth operational training.

REGISTRATION INFORMATION

For more information or to register for any of the classes listed above, call Primus Electronics at (800) 435-1636 or visit us online at www.primuselectronics.com.



KAELUS PIM Training

Primus Electronics is proud to have teamed up with Kaelus to offer the following certification courses in the tower industry:

Portable PIM Test Equipment Training & Certification

Effective Passive Intermodulation (PIM) testing requires knowledge, practical skills, and properly maintained test equipment. Kaelus offers a variety of training options that teach engineers, technicians, and installation crews the skills needed to construct and maintain “low PIM” RF infrastructure.

Non-Certification PIM Training (Level 0):

4 Hours

Introductory training classes are available that provide an overview of PIM testing that is suited for audiences with a broad range of technical skills. This class defines PIM in easy-to-understand terms, identifies typical PIM sources, and describes how to safely operate PIM test equipment to repair RF infrastructure.

Attendees should include: RF design engineers, RF optimization engineers, Site maintenance technicians, Management, Installation project leaders, Installation technicians, and PIM Test Technicians

Certification PIM Training (Level 1):

Technician Certification training classes are also available that include a practical, as well as written exam requiring students to demonstrate test proficiency and show that they have an understanding of the course materials presented. Class size for technician certification training is limited to ensure that each student receives sufficient time with the instructor and the test equipment. Certification training is recommended for individuals who lead PIM test crews or who perform PIM testing in the field as a job requirement.

Attendees should include: Site maintenance technicians and PIM test technicians

	Non-Certification	Certification
Passive Intermodulation fundamentals <ul style="list-style-type: none"> • PIM sources at a cell site • PIM testing vs. RL testing • Test power level & frequencies 		
Test Equipment overview <ul style="list-style-type: none"> • Safety precautions • Making a measurement • Recording results 		
Test methodology <ul style="list-style-type: none"> • Equipment functional checks • Proper test methods / sequence • Antenna testing procedure 		
Practical exam - Student must demonstrate to instructor: <ul style="list-style-type: none"> • Proper equipment set-up • Proper testing technique • Ability to create reports 		
Written exam - Verifies student understands the course material presented		

REGISTRATION INFORMATION

For more information or to register for any of the classes listed above, call Primus Electronics at (800) 435-1636 or visit us online at www.primuselectronics.com.



ODM Fiber Optic Certification Training

Primus Electronics is proud to have teamed up with ODM to offer the following certification course in the tower industry:

Certified Fiber Optic Test and Inspection Training

The ODM Inc. Certified Fiber Optic Test and Inspection course is a focused, hands-on, training course that concentrates on Fiber Optic Connector Inspection and Insertion dB loss theory, technology, and field applications. Measurement, analysis, and archive storage principles are taught using the industry approved ODM VIS 300 Video Inspection Scope and RP 460/ DLS Optical Power Meter and Dual Light Source.

Students learn international industry standards on fiber optic connector endface analysis and accepted connector cleaning techniques. In addition, students review industry accepted dB insertion loss measurements on multimode and singlemode fiber types including industry popular connector styles including LC and SC connectors.

Classes are industry specific and can be customized to each Carriers closeout requirements providing the student with the skills necessary to install, inspect, test, and maintain all fiber optic systems. ODM certified instructors present the latest standards and validate the certification course with written exams and hands-on training. Course certification remains valid for a period of two years.

REGISTRATION INFORMATION

For more information or to register for any of the classes listed above, call Primus Electronics at (800) 435-1636 or visit us online at www.primuselectronics.com.

Common Conversions

Length

From	To	Multiply By
inch (in)	millimeter (mm)	25.4
millimeter (mm)	inch (in)	0.0394
foot (ft)	meter (m)	0.3048
meter (m)	foot (ft)	3.2808
meter (m)	inch (in)	39.3700
inch (in)	meter (m)	0.0254

Force

From	To	Multiply By
pound-force (lbf)	Newton (N)	4.44822
Newton (N)	pound-force (lbf)	0.2248
kilonewton (kN)	pound-force (lbf)	224.8089
pound-force (lbf)	kilonewton (kN)	0.0044
Newton (N)	kilonewton (kN)	0.001
kilonewton (kN)	Newton (N)	1000.0

Weight

From	To	Multiply By
pound (lb)	kilogram (kg)	0.4536
kilogram (kg)	pound (lb)	2.2046



Part #, Page #

00101, 43	10047085, 22	109037, 64	1113085, 6	1244360, 17
00104, 43	10048344, 13	109064, 64	1113091, 6	1244409, 19
00215, 43	10049585, 77	109126, 64	1113094, 6	1244650, 17
00235, 43	10051347, 79	10915, 29	1113097, 6	1245208, 19
00236, 43	10051348, 79	1096421, 64	1113100, 6	13025, 43
00815, 35	10051455, 43	1096468, 64	1113121, 6	13026, 43
01140, 12	10053455, 86	1096562, 64	1113124, 6	13060, 43
01145, 12	10054077, 41	10985, 29	1113127, 6	13065, 43
01255, 26	10056424, 83	1101252, 7	1113130, 6	13101, 53
01265, 26	10063431, 37	1101654, 8	1113151, 7	13190, 52
01300, 60	10065328, 83	1101655, 8	1113154, 7	13195, 53
01330, 56	10068911, 76	1101656, 8	1113157, 7	13218, 53
01340, 56	10070148, 77	1101776, 7	1113160, 7	1330096, 42
01345, 56	10070917, 74	1102000, 7	1113190, 5	13314, 53
01350, 56	10070918, 74	1102201, 8	1113191, 5	13321, 53
01360, 56	10070921, 74	1102385, 7	1113192, 5	13329, 53
01365, 56	10072475, 21	1102386, 7	1113193, 5	13400, 27
01505, 41	10073424, 81	1102387, 7	1113194, 5	13425, 27
01507, 41	10073425, 81	1102388, 7	1116064, 6	13450, 53
01510, 42	10073426, 81	1103321, 7	11164, 12	13501, 43
01515, 42	10073708, 21	1107775, 8	11166, 12	13502, 43
01600, 27	10074067, 73	1107776, 8	11171, 12	13604, 38
01605, 27	10074068, 73	1107777, 8	11173, 12	13606, 38
01609, 27	10074069, 73	1107778, 8	11200, 18	13614, 38
01702, 12	10074070, 73	1107800, 7	11201, 18	13616, 38
01705, 12	10074071, 73	1107803, 7	11202, 21	13618, 38
01706, 12	10077571, 13	1107806, 7	11203, 21	1492-L, 4
01813-A-HS, 53	10083792, 83	1107807, 7	11326-00000-20, 74	1492-M, 4
01813-S-HS, 52	10083793, 83	1107975, 7	11375-00000-20, 74	1492-S, 4
04-0010-BK, 97	10083794, 83	1107976, 7	115-107/120-203-PRIM,	1492-XL, 4
04-0010-LG, 97	10083795, 83	1107977, 7	49	1492-XXL, 4
04-0010, 97	10083796, 83	1107981, 7	115-114-PRIM, 49	15023, 37
04-0035, 97	10083797, 83	1108500, 7	115-154-Formed, 44	15046, 37
05003, 36	10083798, 83	1108501, 7	115-154, 44	15104, 46
05612, 50	10083799, 83	1108502, 7	115-178, 44	15177, 28
05614, 50	10083800, 83	1108507, 7	115-202/115-110-PRIM,	15180, 28
05632, 50	10083801, 83	1108650, 7	49	15181, 28
05635, 50	10083802, 83	1108651, 7	115-203-PRIM, 49	15182, 28
05706, 34	10083803, 83	1108652, 7	115-231-PRIM, 49	15183, 28
10003206, 44	10088072, 21	1108657, 7	115-243-PRIM, 49	15184, 28
10005607, 79	10089207, 52	1110300, 7	115-303-PRIM, 49	15185, 28
10013153, 46	10089209, 52	1110301, 7	115-309/115-310-PRIM,	167200, 44
10020872, 74	10089345, 26	1110302, 7	49	16906H1-L, 5
10022087, 74	10102002, 50	1110303, 7	115-317-PRIM, 49	16906H1-M, 5
10023968, 51	10105271, 51	1113001, 6	116006, 70	16906H1-S, 5
10026265, 83	10105980, 25	1113004, 6	11796-00000-20, 74	16906H1-XL, 5
10028995, 83	101106, 70	1113007, 6	11802-00000-20, 74	16906H2-L, 5
10028996, 83	10117244, 51	1113010, 6	11815-00000-20, 74	16906H2-M, 5
10028997, 83	101806, 70	1113031, 6	120-203-PRIM, 49	16906H2-S, 5
10029298, 83	101SR75, 33	1113034, 6	1202962, 45	16906H2-XL, 5
1003000, 38	101SRQ38-250, 34	1113037, 6	1231016, 26	17237, 53
1003006, 38	105RS, 36	1113040, 6	1231102, 26	17420, 52
10031309, 83	10731, 36	1113046, 6	1231103, 26	17426, 52
10031340, 83	10785, 38	1113049, 6	1231106, 26	17435, 52
10031341, 83	10786, 38	1113052, 6	1232314, 24	17440, 52
10031542, 83	10787, 38	1113055, 6	1232354, 24	17443, 52
10031543, 83	10788, 38	1113061, 6	1232528, 24	17450, 52
10033716, 74	10800, 46	1113067, 6	1240006, 17	17451, 52
10033717, 74	108038, 64	1113070, 6	1240077, 17	1808, 4
10040010, 42, 48	108065, 64	1113076, 6	1242526, 19	19101, 42
10041615, 13	10808, 46	1113079, 6	1242551, 20	19250, 41
10044811, 27	108127, 64	1113082, 6	1244306, 17	19260, 41

Index by Part

Part #, Page

19273, 42	2459, 71	3102L, 81	357, 92	40059, 90
193190, 12	2460, 46	3103B, 81	35716, 20	40062, 91
193191, 12	2465, 46	3103L, 81	3590500, 29	40063, 91
193192, 12	2475, 46	3109, 81	3590550, 29	40064, 91
19401, 42	24875, 81	311-1115, 79	3590590, 29	40067, 91
19402, 42	24876, 81	311-1250, 79	36266, 18	40068, 91
19675, 31	24877, 81	3110, 24, 81	36267, 20	40069, 91
19700, 30	24879, 81	3112, 24	36356, 18	404B2PJ, 64
19701, 30	24880, 81	3114, 36	36357, 20	415940, 42
19805, 32	24890, 80	3115-L, 81	36514, 68	416049, 45
19810, 32	24892, 80	3115-M, 81	36524, 68	42159, 11
19815, 32	24893, 80	3119, 81	36548, 68	43698, 69
19820, 32	24897, 80	31192, 67	36806, 20	4373, 94
19825, 32	24905, 87	31193, 67	36887, 18	4375, 94
19830, 32	24906, 87	31196, 67	36897, 20	43830, 67
19835, 32	24909, 87	31198, 67	36941, 21	43840, 67
1993F, 4	24914, 87	31199, 67	36967, 21	43895, 67
1997T2, 4	24920, 87	31999, 67	37004, 67	43896, 67
2018M, 28	24934, 87	3210, 70	37010, 67	47169, 11
2023137, 64	24935, 87	3211, 70	37015, 67	47349, 11
2023183, 64	24937, 87	3212, 70	37021, 67	4750/0241, 19
2023196, 64	24947, 87	3213, 70	37022, 67	475368, 73
2100080, 43	24948, 87	3214, 70	37049, 67	475369, 73
2100085, 43	25222, 77	3219, 70	37052, 67	475371, 73
2100101, 43	25223, 77	3220, 70	37215, 69	475407, 73
2103143, 43	25228, 77	3221, 70	37225, 69	475408, 73
2103189, 31	25233, 77	3222, 70	37240, 69	48013, 10
2103676, 36	26213, 38	3223, 70	37250, 69	48103, 10
2103690, 36	26214, 38	3224, 70	37260, 69	48113, 10
21041, 12	26216, 38	3231, 70	37300, 69	48129W2Y-6, 24
21042, 12	26771, 38	3232, 70	37380, 69	48303, 10
21043, 12	26773, 38	3239, 70	37390, 69	48353, 10
21044, 12	26776, 38	3321100, 33	37508, 67, 68	488TW2, 28
2104531, 35	26793, 38	3321200, 33	37542, 69	488W2, 28
2104560, 43	26794, 38	3321300, 33	37658, 69	496099E, 26
2104700, 43	26795, 38	3321400, 33	37681, 69	5000335, 41
2104801, 34	26796, 38	3321500, 33	37837, 69	5000338, 41
2108406, 43	26833, 38	33921, 68	37839, 69	5004B, 28
21210, 29	26834, 38	340-4004, 79	380, 92	5004K, 30, 41
21300, 19	26836, 38	34175, 45	3816, 34	5005, 95
21301, 19	28013, 24	34200, 45	39010, 71	5006L, 64
21302, 21	28014, 24	34406, 24	3902-6, 38	5012, 42
21303, 21	28015, 24	34416, 24	39024, 71	5013, 42
21915, 29	28016, 24	34929, 75	3905E-18, 38	5020M, 94
21920, 29	29023, 26	3504430, 29	3905E-24, 38	5020S, 94
21930, 29	29026, 26	3504433, 29	3905E-36, 38	5030L, 94
21950, 29	293371, 12	3504450, 29	39075, 68	5030M, 94
21965, 29	293372, 12	35216, 17	39313, 68	5030S, 94
22315, 29	29506, 26	35246, 20	39921, 71	505282, 38
22320, 29	29701, 27	35378, 17	39922, 71	506202, 29
22330, 29	29741, 27	35379, 20	39923, 71	506204, 29
22350, 29	30-F1, 43	35406, 21	39SQ1-150, 45	506206, 29
2250/52, 82	30-F2, 43	3540L, 79	40001, 91	506208, 29
2271/101, 82	30-F3, 43	3540M, 79	40002, 91	5075C, 16
23168, 74	30-F4, 43	3540S, 79	40008, 92	5102-12, 98
23170, 74	300, 92	35416, 21	40010, 92	5102-24, 98
23171, 74	303B4PH, 64	35477, 18	40012, 92	5103S, 100
23213, 74	3058, 43	35478, 20	40052, 90	5104S, 100
23287, 74	3075, 43	35488, 21	40053, 90	5116, 94
23288, 74	310-1001, 79	3560L, 79	40054, 90	5140, 97
243-PC1500BKD, 68	310-1101, 79	3560M, 79	40057, 90	5141-P, 97
2458, 71	3102B, 81	35679, 20	40058, 90	5143, 94

Part #, Page #

5144S, 100	58057, 80	6116261, 47	6425XXL, 88	67603, 8
5151, 100	58058, 80	6116280, 47	6425XXXL, 88	67604, 8
5152S, 100	58059, 80	6116540, 42	6435L, 88	67611, 8
5155B, 76	58060, 80	6116541, 42	6435M, 88	67612, 8
5155L, 76	58062, 80	61993-L, 5	6435XL, 88	67613, 8
5180, 84, 95	58063, 80	61993-M, 5	6435XXL, 88	67614, 8
5183, 84	58075, 80	61993-S, 5	6435XXXL, 88	67631, 8
5201-100, 29	58076, 80	61993-XL, 5	6443L, 88	67632, 8
5201-50, 29	58077, 80	61995-L, 4	6443M, 88	67633, 8
5210-B, 94	58078, 80	61995-M, 4	6443XL, 88	67634, 8
5210-O, 94	5808, 96	61995-S, 4	6443XXL, 88	6821, 75
52102, 10	58083, 80	61995-XL, 4	6463L, 88	6823, 75
52104, 10	58089, 80	61999-L, 4	6463M, 88	6825, 75
52112, 10	58091, 80	61999-M, 4	6463XL, 88	6850, 75
52114, 10	58092, 80	61999-S, 4	6463XXL, 88	6852, 75
5215-B, 94	58093, 80	61999-XL, 4	6463XXXL, 88	68601, 8
5215-O, 94	58094, 80	62432, 11	6465L, 88	68602, 8
52302, 10	58095, 80	62434, 11	6465M, 88	68603, 8
52304, 10	58097, 80	62451, 11	6465XL, 88	68604, 8
5281, 97	58098, 80	62452, 11	6465XXL, 88	68611, 8
5416-L, 98	58099, 80	62453, 11	6465XXXL, 88	68612, 8
5416-T, 98	58103, 80	62454, 11	6480L, 88	68613, 8
5416, 98	58110, 80	63-WYPALLHANDWI, 71	6480M, 88	68614, 8
5500L, 93	58111, 80	6300L, 93	6480XL, 88	6952, 75
5500XL, 93	58112, 80	6300M, 93	6480XXL, 88	695350, 75
5516, 93	58113, 80	6300XL, 93	6480XXXL, 88	6970, 75
5518, 93	58114, 80	6301, 93	6602, 76	6990, 75
55393, 11	58133, 80	63013, 26	6607, 76	7084-L, 11
55394, 11	58134, 80	63016, 26	6609, 76	7084-M, 11
5560, 93	58135, 80	63673, 38	6615F, 76	7084-S, 11
5567, 93	5815, 96	63676, 38	6615NW, 76	7084-XL, 11
5575, 93	5817, 96	637G8C500CK1-L, 6	6615SS, 76	7088-L, 11
56222, 9	5840, 96	637G8C500CK1-M, 6	66611, 9	7088-M, 11
56224, 9	5860, 99	637G8C500CK1-S, 6	66612, 9	7088-S, 11
5630, 99	5870, 96	637G8C500CK1-XL, 6	66613, 9	7088-XL, 11
5630T, 99	5878, 99	6386L, 93	66614, 9	710CRL, 90
5633, 99	5885, 93	6386M, 93	66621, 9	710CRM, 90
5633T, 99	5905, 97	6386S, 93	66622, 9	710CRS, 90
5640, 99	5V+T7A16X6, 17	6386XL, 93	66623, 9	710CRXL, 90
5640T, 99	5V6716RD+4X6+Z, 19	6386XXL, 93	66624, 9	710CRXXL, 90
56422, 9	6008-74+Y+TC+Z, 29	6386XXXL, 93	66641, 9	710L, 89
56424, 9	60099-100, 70	6394710-L, 4	66642, 9	710M, 89
5643, 99	603E3700R3-L, 5	6394710-M, 4	66643, 9	710S, 89
5643T, 99	603E3700R3-M, 5	6394710-S, 4	66644, 9	710XL, 89
5725, 97	603E3700R3-S, 5	6394710-XL, 4	6665L-G, 76	710XXL, 89
5728, 97	603E3700R3-XL, 5	6401D, 66	6665L-L, 76	720L, 89
5730, 99	603E3720N8R3-L, 4	6401P, 66	6665M-G, 76	720M, 89
5733, 99	603E3720N8R3-M, 4	6403, 66	6665M-L, 76	720S, 89
5734, 99	603E3720N8R3-S, 4	6404, 66	6665XL-G, 76	720XL, 89
5738, 99	603E3720N8R3-XL, 4	6405, 66	6665XL-L, 76	720XXL, 89
5739, 99	603K469E3T9-L, 4	6407, 66	6665XXL-G, 76	7324, 38
5740, 99	603K469E3T9-M, 4	6410, 66	6665XXL-L, 76	7336, 38
5743, 99	603K469E3T9-S, 4	6412, 66	6670CT, 76	7348, 38
5744, 99	603K469E3T9-XL, 4	6418, 66	6700CT, 76	7372, 38
5746, 99	609-100, 70	6418L, 88	6700F, 76	737208, 38
5777, 100	6100035, 47	6418M, 88	6700NW, 76	737210, 38
5789, 97	6100090, 47	6418XL, 88	6700SS, 76	7400460, 45
5800, 96	6100136, 47	6418XXL, 88	6715, 76	740L, 90
58015, 80	6100400, 47	6418XXXL, 88	6716, 76	740M, 90
58018, 80	6100430, 47	6425L, 88	6717, 76	740S, 90
5802, 96	6100710, 47	6425M, 88	67601, 8	740XL, 90
5804, 96	6110000, 47	6425XL, 88	67602, 8	740XXL, 90

Index by Part

Part #, Page

74301, 9	8154, 24	8380L-O, 87	928-25HV, 71	ALSNB-2000SH, 65
74302, 9	815401, 85	8380M-L, 87	94150, 79	ALSNB-3000SE, 65
74303, 9	8156, 24	8380M-O, 87	94172, 79	ALSNB-3000SH, 65
74304, 9	815641, 85	8380S-L, 87	94218, 87	Anritsu Training, 111
750L, 90	816357, 85	8380S-O, 87	94219, 87	AT742/XT, 15
750M, 90	8175DH, 45	8380XL-L, 87	94220, 87	
750S, 90	817890, 86	8380XL-O, 87	94247, 87	B
750XL, 90	818040, 86	8380XXL-L, 87	94248, 87	
750XXL, 90	8180DL, 90	8380XXL-O, 87	94249, 87	B16, 30
7512E, 4	8180DM, 90	840L, 89	94741, 81	B17WLA, 30
75301, 9	8180DS, 90	840M, 89	9501403, 37	B17WRA, 30
75302, 9	8180DXL, 90	840S, 89	95173, 81	B18AAA, 41
75303, 9	8180DXXL, 90	840XL, 89	95174, 81	B50, 41
75304, 9	818WPL, 89	840XXL, 89	97800, 34	B51, 41
75421, 9	818WPM, 89	84221, 94		B54, 41
75422, 9	818WPS, 89	84231, 94	A	Bird Technologies
75423, 9	818WPXL, 89	84302, 94	A-024, 32	Training, 114, 115
75424, 9	818WPXXL, 89	84303, 94	A10BBA, 72	
7600506, 45	8200, 84	84304, 94	A10BNA, 72	C
7602060, 45	8200DH, 45	8445, 52	A10BOA, 72	C03 2, 95
7605060, 45	8203, 26	8447, 52	A10BOA, 72	C09, 37
7611904, 35	820324, 26	8447A, 53	A10BRA, 72	C1106Z, 18
76471, 35	8204, 26	8450, 52	A10BWA, 72	C1126H, 22
76472, 35	8205HL-L-L, 86	84520, 97	A10BWE, 72	C126C, 22
76473, 35	8205HL-L-S, 86	84521, 97	A10BYA, 72	C25, 37
76474, 35	8205HL-L-XXL, 86	84522, 97	A10VBA, 72	C308-0856, 64
780230, 66	8205HL-O-L, 86	8456, 53	A10VNA, 72	C308-0890, 64
780935, 66	8205HL-O-S, 86	8458, 27	A10VOA, 72	C308-0903, 64
7VV126, 26	8205HL-O-XXL, 86	845L, 89	A10VRA, 72	C308-1170, 64
8+66716D+J+6W4, 19	8206, 26	845M, 89	A10VWA, 72	C308-1335, 64
8+667Q5, 19	8210, 84	845S, 89	A10VYA, 72	C308-1370, 64
805408, 83	8229Z, 86	845XL, 89	A20BRA, 72	C308-1443, 64
805414, 83	8240Y3A, 23	845XXL, 89	A20BWA, 72	C38AAN, 13
805420, 83	8240Y3A2R, 23	8466A, 53	A20BYA, 72	C40-044-002, 44
806462, 83	82423L, 16	846L, 89	A20VRA, 72	C40-044-006, 44
806463, 83	8242Y3L, 23	846M, 89	A20VWA, 72	C40-120, 39
806464, 83	82433, 16	846S, 89	A20VYA, 72	C40-150, 39
806465, 83	8243Y3, 23	846XL, 89	A732, 14	C40-60, 39
8073R-L, 12	8247, 84	846XXL, 89	A732XL, 14	C40-80, 39
8073R-M, 12	8249Z-L-L, 86	84V716+Z, 17	AA7041A, 36	C417-0337, 64
8073R-S, 12	8249Z-L-S, 86	8511, 84	AA805AG, 50	C42-100, 39
8073R-XL, 12	8249Z-L-XXL, 86	8515, 84	AA805AG2, 50	C42-150, 39
8125DH, 45	8249Z-O-L, 86	8516294, 37	AB17530-XL, 8	C42-200, 39
813832, 83	8249Z-O-S, 86	85472, 82	AB17530, 8	C42F, 39
81391, 73	8249Z-O-XXL, 86	85473, 82	AB17550-XL, 8	C44, 30
8150DH, 45	826073A, 23	85474, 82	AB17550, 8	C45, 59
8153, 24	826073A2D, 23	85481, 82	AB712/J, 15	C47A, 37
815355, 85	8289L-L, 87	85809, 33	AB742/XT, 15	C526H/R, 23
815356, 85	8289L-O, 87	88010, 94	AC202A10, 41	C526Z/R, 23
815357, 85	8289M-L, 87	88128, 73	AC202D, 41	C5Y06H, 19
815358, 85	8289M-O, 87	88199, 97	AC350A, 42	C5Y06H/R, 19
815359, 85	8289S-L, 87	88587, 75	AC351A, 42	C5Y06Z, 19
815361, 85	8289S-O, 87	8V6716D+JW4+Z, 19	ACS-0014-L, 32	C5Y06Z/R, 19
815362, 85	8289S, 87	8VV716+Z, 17	AD111A, 29	C5Y26H/R, 22
815363, 85	8289XL-L, 87	9-8, 28	AE57800, 18	C5Y26Z/R, 22
815365, 85	8289XL-O, 87	9+N08K16, 24	AE57801, 18	C71000, 13
815366, 85	8289XXL-L, 87	908-25, 71	AE57830, 22	C710F0-1B, 13
815368, 85	8289XXL-O, 87	90991, 68	AE57831, 22	C710F0-2B, 13
815369, 85	8300030, 50	91124, 68	ALC1-HKRC-0115, 59	C710FN, 13
815392, 85	8301000, 50	91358, 68	ALDSB-2000P, 65	C71CF0, 13
815394, 85	8355, 42	916-25RE, 71	ALDSNB-3000P, 65	CITCA Training, 112
815397, 85	8380L-L, 87	918-25RE, 71	ALSNB-2000SE, 65	

Part #, Page

D

D200LO, 31
 D200LN, 31
 D200SO, 31
 D200SN, 31
 D21A, 31
 D21AN, 31
 D25213K, 107
 D25602K, 107
 D26950, 108
 D28402, 108
 DC012, 110
 DC020, 110
 DC212B, 101
 DC212KA, 101
 DC385B, 101
 DC385K, 101
 DC390K, 101
 DC411KA, 102
 DC500, 110
 DC5001H, 110
 DC527, 110
 DC800KL, 103
 DC820B, 103
 DC820KA, 103
 DC825B, 103
 DC825KA, 103
 DC9071, 109
 DC9096-2, 109
 DC9180C, 109
 DC9310, 109
 DC9319, 109
 DC9320, 109
 DCD940KX, 102
 DCD950B, 102
 DCD950KX, 102
 DCD985L2, 102
 DCF885L2, 103
 DCK211S2, 104
 DCK251X, 104
 DCK255X, 104
 DCK460L, 104
 DCK590L2, 105
 DCK655X, 104
 DCS370B, 101
 DCS370K, 101
 DSD-30, 31
 DW059B, 103
 DW059K-2, 103
 DW235G, 106
 DW292K, 107
 DW304PK, 106
 DW368, 105
 DW4514B5, 108
 DW4802, 109
 DW4811, 109
 DW4821, 109
 DW4890, 109
 DW5207 Y, 108
 DW5448, 108
 DW8062 Z, 108

DW8351, 108
 DWA41812, 109
 DWA4186, 109
 DWA4188, 109
 DWD520K, 107
 DWM120K, 105
 DWS535, 105
 DWS780, 106
 DWX723, 106
 DYB06EE-4242, 54
 DYB160-03EE-4242, 54
 DYB160-06EE-4242, 54
 DYB160-12EE-4242, 54
 DYB20-06EE-4242, 54
 DYB20-12EE-4242, 54

E

E0011BL, 77
 E0011R, 77
 E011Y, 77
 E02 P3, 73
 E120x10, 61
 E120x12, 61
 E120x3, 61
 E120x4, 61
 E120x6, 61
 E120x8, 61
 E150x10, 61
 E150x12, 61
 E150x3, 61
 E150x4, 61
 E150x6, 61
 E150x8, 61
 E180x10, 61
 E180x12, 61
 E180x3, 61
 E180x4, 61
 E180x6, 61
 E180x8, 61
 E216B, 77
 E216YB, 77
 E240x10, 61
 E240x12, 61
 E240x3, 61
 E240x4, 61
 E240x6, 61
 E240x8, 61
 E30x10, 61
 E30x12, 61
 E30x3, 61
 E30x4, 61
 E30x6, 61
 E30x8, 61
 E418B, 77
 E60x10, 61
 E60x12, 61
 E60x3, 61
 E60x4, 61
 E60x6, 61
 E60x8, 61
 E78AHB, 73

E78BHB, 73
 E78CHB, 73
 E90x10, 61
 E90x12, 61
 E90x3, 61
 E90x4, 61
 E90x6, 61
 E90x8, 61
 E93 PG, 73
 E97 PG, 73
 E99 PN, 73
 EBT95L/XT, 15
 EBT95M/XT, 15
 EBT95S/XT, 15
 EBT95XL/XT, 15
 EE1-91x10, 61
 EE1-91x12, 61
 EE1-91x4, 61
 EE1-91x6, 61
 EE1-91x8, 61
 EE1-92x10, 61
 EE1-92x12, 61
 EE1-92x4, 61
 EE1-92x6, 61
 EE1-92x8, 61
 EE1-93x10, 61
 EE1-93x12, 61
 EE1-93x4, 61
 EE1-93x6, 61
 EE1-93x8, 61
 EE1-94x10, 61
 EE1-94x12, 61
 EE1-94x4, 61
 EE1-94x6, 61
 EE1-94x8, 61
 EE2-91x10, 61
 EE2-91x12, 61
 EE2-91x4, 61
 EE2-91x6, 61
 EE2-91x8, 61
 EE2-92x10, 61
 EE2-92x12, 61
 EE2-92x4, 61
 EE2-92x6, 61
 EE2-92x8, 61
 EE2-93x10, 61
 EE2-93x12, 61
 EE2-93x4, 61
 EE2-93x6, 61
 EE2-93x8, 61
 EE2-94x10, 61
 EE2-94x12, 61
 EE2-94x4, 61
 EE2-94x6, 61
 EE2-94x8, 61

F

FBB11L/J, 14
 FBB11M/J, 14
 FBB11S/J, 14
 FBB11XL/J, 14

FBBL, 15
 FBBLM, 15
 FBBLs, 15
 FBBLXL, 15
 Fiber Training, 117

G

G-0051-W-L/XXL, 16
 G-0051-W-M/L, 16
 G-1080-1, 16
 G-1080-2, 16
 G-1080-AL-1, 16
 G-1080-AL-2, 16
 G-1081-AL-LXL, 15
 G-1081-AL-SM, 15
 G-1081-LXL, 15
 G-1081-SM, 15
 G-1082-LXL, 15
 G-1082-SM, 15
 G7012, 45
 GL22002, 91
 GL22003, 91
 GL22004, 91
 GL22005, 91
 GL22100, 91
 GL22101, 91
 GL22102, 91
 GL22103, 91
 GL22302, 91
 GL22303, 91
 GL22304, 91
 GL22305, 91
 GPO-(size), 77

H

H-002, 52
 H-067, 41
 H-132, 52
 H-143, 52
 H-144, 52
 H-145, 52
 H-146, 53
 H-147, 52
 H-148+H-146+H-154, 27
 H-149, 52
 H-150, 52
 H-151, 53
 H-152, 53
 H-153, 53
 H-154, 53
 H-155, 42
 H310001, 46
 H365001, 46
 H66500, 46
 Harger Training, 113
 HD26005, 42
 HD26006, 42
 HD26074, 51
 HD26075, 51
 HD26086, 59

HD26098, 51
 HD26100, 31
 HD26114, 42
 HD26178, 25
 HD26179, 25
 HD26183, 30
 HD26184, 30
 HD26185, 30
 HD26188, 13
 HD26208, 30
 HG32006, 72
 HG32015, 73
 HG32017, 73
 HG32018, 73
 HG32021, 73
 HG32023, 73
 HL33011, 72
 HL33012, 72
 HL33013, 72
 HL33014, 72
 HL33023, 74
 HL33025, 72
 HL33026, 72
 HL33042, 79
 HL33043, 79
 HL33045, 79
 HL33068, 72
 HL33069, 72

I

IR110RB030P, 56
 IR110RB046P, 56
 IR110RB061P, 56
 IR110RB092P, 56
 IR110RB183P, 56
 IR130RW030P, 56
 IR130RW046P, 56
 IR130RW061P, 56
 IR130RW092P, 56
 IR130RW183P, 56
 IR130WR030P, 56
 IR130WR046P, 56
 IR130WR061P, 56
 IR130WR092P, 56
 IR130WR183P, 56

K

K52LN, 92
 K52MN, 92
 K52SN, 92
 K52XLN, 92
 K53LN, 92
 K53MN, 92
 K53SN, 92
 K53XLN, 92
 K6013572, 31
 K9TRPS, 32
 KIT-B41, 35
 KIT-TCBZL, 35
 KIT-TCBZM, 35

Index by Part

Part #, Page

KIT-TCBZXL, 35	M34SL, 53	PR110BG061PP, 57	PR130RG183PP, 57	RB44024, 58
KT36025, 55	M34TL, 53	PR110BG092PP, 57	PR130RG200PP, 57	RB44026, 58
KT36026, 55	M36TL, 53	PR110BG183PP, 57	PR130WGO30PP, 57	RB44027, 58
KT36027, 55	M72TLA, 52	PR110BG200PP, 57	PR130WGO46PP, 57	RB44028, 58
KT36028, 55	M72TLN, 52	PR110BX030NP, 56	PR130WGO61PP, 57	RB44029, 58
KT36080, 55	M73TLA, 52	PR110BX046NP, 56	PR130WGO92PP, 57	RB44031, 95
KT36083, 55	M73TLN, 52	PR110BX061NP, 56	PR130WG183PP, 57	RB44040, 58
KT36084, 55	MGO60, 53	PR110BX092NP, 56	PR130WG200PP, 57	RB44041, 58
KT36085, 55	MS-C-10K, 44	PR110BX183NP, 56		RB44042, 58
KT36113, 33	MS-HC-KIT, 44	PR110BX200NP, 56		RB44043, 58
KT36114, 33		PR110KG030PP, 57	R	RB44046, 59
KT36115, 33		PR110KG046PP, 57	R-100, 36	RB44049, 98
KT36148, 33	N	PR110KG061PP, 57	R11183B, 54	RB44055, 58
KT36149, 33	N0850S, 36	PR110KG092PP, 57	R11183N, 54	RB44056, 58
KT36150, 33	N0850S/B, 36	PR110KG183PP, 57	R11183R, 54	RB44057, 58
KT7200/AK, 32	NB121200, 54	PR110KG200PP, 57	R11183W, 54	RB44058, 58
KT7200/TK, 32	NB121200GT, 54	PR110OG030PP, 57	R11366W, 54	RC48002, 59
KT7300/AK, 32	NB121200SE6, 54	PR110OG046PP, 57	R1136N, 54	RC48011, 59
KT7300/TK, 32	NB12600, 54	PR110OG061PP, 57	R1146B, 54	RC48012, 59
KT7400/AK, 32	NB12600GT, 54	PR110OG092PP, 57	R1146N, 54	RC48013, 59
KT7400/TK, 32	NB12600SE6, 54	PR110OG183PP, 57	R1146R, 54	RC48030, 59
KT7500/TK, 32	NB381200, 54	PR110OG200PP, 57	R1146W, 54	RC48031, 59
KT7600/TK, 32	NB38600, 54	PR110OX030NP, 56	R1161B, 54	RC48032, 59
	NB581200, 54	PR110OX046NP, 56	R1161N, 54	RC48033, 59
L	NB581200GT, 54	PR110OX092NP, 56	R1161R, 54	Rescue-Kit-600, 34
L-0106-0.6, 39	NB581200SE8, 54	PR110OX183NP, 56	R1161W, 54	Rescue-Kit, 34
L-0106-1.2, 39	NB58600, 54	PR110OX200NP, 56	R12183B, 55	RR110BB046E, 54
L-0106-1.5, 39	NB58600GT, 54	PR110RG030PP, 57	R12183N, 55	RR110BB092E, 54
L-0106-1.8, 39	NB58600SE8, 54	PR110RG046PP, 57	R12183O, 55	RR110BB183E, 54
L-0358-1.8, 25		PR110RG061PP, 57	R12183R, 55	RR110BL046E, 54
L-0368-1.8, 25	P	PR110RG092PP, 57	R12183W, 55	RR110BL092E, 54
L-0397-0,75, 39	P03A, 40	PR110RG183PP, 57	R12183Y, 55	RR110BL183E, 54
L-0397-1,75, 39	P05W, 40	PR110WGO30PP, 57	R12366N, 55	RR110OB046E, 54
L-0409-95, 32	P21 SPE, 40	PR110WGO46PP, 57	R12366W, 55	RR110OB092E, 54
L-0437-1.8, 22	P21, 40	PR110WGO61PP, 57	R1246B, 55	RR110OB183E, 54
L-0499-1.8, 25	P50A, 40	PR110WGO92PP, 57	R1246O, 55	RR110RB046E, 54
L-0511-1.8, 22	P51, 40	PR110WG183PP, 57	R1246R, 55	RR110RB092E, 54
L-0517-1.8, 22	P53, 40	PR110WG200PP, 57	R1246W, 55	RR110RB183E, 54
L50-100, 25	P59A, 40	PR110XO061NP, 56	R1246Y, 55	RR110RD046E, 54
L50-150, 25	P60A, 40	PR110RG200PP, 57	R1261B, 55	RR110RD092E, 54
L50-200, 25	P60A, 40	PR130BG030PP, 57	R1261O, 55	RR110RD183E, 54
L50-60, 25	P63L, 60	PR130BG046PP, 57	R1261R, 55	RR110WB046E, 54
L52A-002, 25	P63M, 60	PR130BG061PP, 57	R1261W, 55	RR110WB09, 54
L52A-003, 25	P63S, 60	PR130BG092PP, 57	R1261Y, 55	RR110WB092E, 54
L52A-005, 25	P65A, 40	PR130BG183PP, 57	RB44002, 58	RR110WB183E, 54
L52A-010, 25	P66A, 40	PR130BG200PP, 57	RB44004, 58	RR110YB046E, 54
L52A-015, 25	P68, 59	PR130KG030PP, 57	RB44006, 58	RR110YB092E, 54
L52A-020, 25	PIM Training, 116	PR130KG046PP, 57	RB44009, 58	RR110YB183E, 54
L52H-002, 25	PR100BX030NP, 56	PR130KG061PP, 57	RB44010, 58	RR125BK046E, 55
L52H-003, 25	PR100BX046NP, 56	PR130KG092PP, 57	RB44011, 58	RR125BK092E, 55
L52H-005, 25	PR100BX061NP, 56	PR130KG183PP, 57	RB44012, 58	RR125BK183E, 55
L52M-003, 25	PR100BX092NP, 56	PR130KG200PP, 57	RB44013, 58	RR125BL046E, 55
L53-100, 25	PR100BX183NP, 56	PR130OG030PP, 57	RB44014, 58	RR125BL092E, 55
L53-150, 25	PR100BX200NP, 56	PR130OG046PP, 57	RB44015, 58	RR125BL183E, 55
L53-60, 25	PR100OX030NP, 56	PR130OG061PP, 57	RB44016, 58	RR125BW046E, 55
	PR100OX046NP, 56	PR130OG092PP, 57	RB44017, 58	RR125BW092E, 55
	PR100OX061NP, 56	PR130OG183PP, 57	RB44018, 58	RR125BW183E, 55
M	PR100OX092NP, 56	PR130OG200PP, 57	RB44019, 58	RR125RD046E, 55
M33 SL, 53	PR100OX183NP, 56	PR130RG030PP, 57	RB44020, 58	RR125RD092E, 55
M33 TL, 53	PR100OX200NP, 56	PR130RG046PP, 57	RB44021, 58	RR125RD183E, 55
M34BL, 53	PR110BG030PP, 57	PR130RG061PP, 57	RB44022, 58	RR125RW046E, 55
	PR110BG046PP, 57	PR130RG092PP, 57	RB44023, 58	RR125RW092E, 55

Part #, Page

RR125RW183E, 55	SA-101-AEF-(color), 98	SG51196, 14	SVLR78LS, 42	TTMP-400'CHA-PRIM, 49
RR125WO046E, 55	SA-101-BDF-(color), 98	SG51198, 14	SWL4068703LS, 18	TTMP-450'CHA-PRIM, 49
RR125WO092E, 55	SA-101-BEF-(color), 98	SG51201, 14		TTMP-50'CHA-PRIM, 49
RR125WO183E, 55	SA-102-GR, 95	SG51213, 39	T	TTMP-500'CHA-PRIM, 49
RR125YW046E, 55	SA-102-NB, 95	SG51214, 39	T308-0999, 64	TTRH700-50, 65
RR125YW092E, 55	SA-102-OR, 95	SG51233, 18	TAC-0002, 44	TTSNB-2000SE, 65
RR125YW183E, 55	SA-102-RD, 95	SG51234, 22	TOWER-RESCUE-50, 32	TTSNB-2000SH, 65
RR160BK046E, 55	SA-102-YE, 95	SG51242, 39	TOWER, 32	TTSNB-3000SE, 65
RR160BK092E, 55	SA-106-RD, 95	SG51243, 39	TT-Y-PC, 65	TTSNB-3000SH, 65
RR160BK183E, 55	SDC726150, 31	SHL2009060, 45	TT1-15C, 62	TTSNB-6000SE, 65
RR160BL046E, 55	SDP, 78	SM, 78	TT1-25W, 63	TTSNB-6000SH, 65
RR160BL092E, 55	SDSD25, 31	SM1, 78	TT1-8W, 63	TTWARNING, 66
RR160BL183E, 55	SFP2267404, 38	SM102100, 52	TT15/30-12CDC, 62	TTWC-1000, 65
RR160BW046E, 55	SFP2267503, 38	SM125500, 41	TT1500-15C-FHB, 62	TTWG-500-1/4, 42
RR160BW092E, 55	SFP2267506, 38	SM128701N, 31	TT1500-25W-FHB, 63	TTWG-500-516, 42
RR160BW183E, 55	SFPLS350050, 48	SM128702N, 31	TT1500-8W-FHB, 63	TTWG-500, 42
RR160RD046E, 55	SFPLS350100, 48	SM130005, 60	TT2-4W, 63	
RR160RD092E, 55	SFPLS353050, 48	SM130301N, 60	TT2-7.5C, 62	V
RR160RD183E, 55	SFPLS353100, 48	SM130302N, 60	TT2000-12C, 62	V41321, 39
RR160RW046E, 55	SG51029, 39	SM154801N, 40	TT2000-25W, 63	V41323, 39
RR160RW092E, 55	SG51030, 39	SM154900N, 40	TT2000-8W, 63	V41326, 39
RR160RW183E, 55	SG51031, 39	SM158000N, 40	TT25/50-20CDC, 62	V4135, 39
RR160WO046E, 55	SG51034, 37	SM1x, 78	TT3000-12C, 62	V4165, 39
RR160WO092E, 55	SG51036, 14	SM1xSR, 78	TT3000-12W, 63	V4260, 60
RR160WO183E, 55	SG51040, 37	SM220300N, 31	TT3000-4W-FHB, 63	V4260C1, 60
RR160YW046E, 55	SG51042, 14	SM230100N, 51	TT3000-6C, 62	
RR160YW092E, 55	SG51049, 37	SM230105, 51	TT3000-7.5C-FHB, 62	W
RR160YW183E, 55	SG51096, 37	SNYL537DH306, 24	TT4000-4W, 63	WA58, 41
RS20W, 29	SG51118, 37	SNYR537DH306, 24	TT4000-6C, 62	WEEKENDER, 77
RT30G, 29	SG51141, 39	SOS-BACKPACK, 95	TT6000-6C, 62	WIND, 32
RT50G, 29	SG51142, 39	SP, 78	TT6000-6W, 63	
	SG51143, 39	SP1, 78	TTCAUTION, 66	X
S	SG51144, 39	SP1x, 78	TTDANGER, 66	XW112R1, 15
S41Y-25, 95	SG51145, 39	SPPPU8710, 40	TTFFP-BAR, 65	
S41Y-35, 95	SG51150, 98	SRIW1000, 60	TTMP-100'CHA-PRIM, 49	
S42Y 045, 95	SG51155, 14	SRP210, 30	TTMP-150'CHA-PRIM, 49	
S43Y 030, 95	SG51156, 14	SRP220, 30	TTMP-200'CHA-PRIM, 49	
S44Y 015, 95	SG51157, 39	SRS15200, 33	TTMP-250'CHA-PRIM, 49	
S70, 13	SG51158, 39	SRS3200, 37	TTMP-300'CHA-PRIM, 49	
SA-101-ADF-(color), 98	SG51168, 98	SRSA1200, 30	TTMP-350'CHA-PRIM, 49	
	SG51190, 95			

Index by Product

A

Altimeter, 68
Anchors & Beamer, 43, 44
Angle Grinders, 108
Anritsu Training, 111
Ascenders, 30

B

Bags, 94-100
Band Saws/Kit, 101, 105
Barometers, 68
Batteries, 109
BIRD Technologies Training, 114-115
Blocks and Latches, 64-65
Bolt Bags, 97-98

C

Cable Grabs, 42
Cable Hoist/Pullers, 62
Capstans, 64
Carabiners, 52, 53
Caution Tape, 80
Chargers, 109
Chinstraps, 73
Circular Saws, 101, 105
CITCA Training, 112
Clinometer, 67
Clothing-Base Layers, 88
Compasses, 67
Confined Space, 50-51
Cooling Products, 76
Cut-Off Tools, 102
Cutting Wheels, 108

D

Descenders, 31
Drill/Drivers, 102

E

Ear Protection, 78-79
Electronic Levels, 68
Endless Roundslings, 61
Erection Wrenches, 70
Eye and Eye Slings, 61

F

Fiber Training, 117
Fire Extinguishers, 82
First Aid Kits, 77
Flap Discs, 108
Flashlights, 110
Flashlight/Wands, 71
Footwear, 93

G

Gear Bags, 94-95
Glasses, 74
Gloves, 77, 89-92
GPS System, 68
Grinding Wheels, 108
Grunt Buckets, 99-100

Guard Rails, 28

H

Hammerdrills, 102, 107
Hand Wipes, 71
Hard Hats, 73
Harger Training, 113
Harnesses, 4-16
Headlamps, 73
Head Liners, 75
Head Sweats, 76
Hearing Protection, 78-79
Heatgun, 108
Height Access Rail System, 44
Helmets, 72
Hoist/Puller, 65
Hoist/Puller Accessories, 65
Hoist/Pullers, 62-63

I

Impact Drivers, 103
Impact Wrenches, 103, 107

K

Kits, 35-36
Kneeling Pad, 92
Kneepads, 92
Knives, 70

L

Ladder Safety / Systems, 46
Latches, 64, 65
Lifelines, 45, 46
Load Rope, 54
Locks, 81

M

Measuring Tapes, 71
Miter Saw and Stand, 106

N

NARDA Personal RF Monitor, 82

P

Percussion Sets, 108
PIM Training, 116
Positioning Lanyards - Rope, 24-25
Positioning Lanyards - Web, 26
Power Tools, 101-110
Protective Eyewear, 74
Pulleys, 40

R

Radio and Charger, 110
Rangefinders, 68
Rebar Assemblies, 27
Reciprocating Saw Blades, 109
Reciprocating Saws/Kit, 101, 106
Reel Stands, 66
Relief Steps, 36
Rescue Equipment, 32-33

Rescue Kits, 34
Respirators, 83-84
Respirators and Accessories, 83-85
RF Monitor, 82
Rigging Plates, 60
Roof Anchors, 36
Roofer's Kits, 36
Rope, 54-57
Rope Accessories, 59
Rope Bags, 58
Rope Grabs, 41-42
Rope Hoist/Puller, 65
Rope Packs, 58
Rope Termination Plates, 60
Rubber Insulating Gloves, 77

S

Safety Climbs, 47-49
Safety Clothing, 86-87
Safety Cones, 81
Safety Flags, 80
Safety Glasses, 74
Safety Glasses Accessories, 74
Safety Knives, 70
Safety Vests, 86-87
Screwdrivers, 107
SDS Plus Bits, 108
SDS Rotary Hammers, 101, 107
Self-Retracting Lifelines (SRLs), 29
Shock-Absorbing Lanyards: Single-Leg, 16-19
Shock-Absorbing Lanyards: Twin-Leg, 19-23
Signs, 66, 80
Slings, 38-39
Snaphooks, 53

T

Theodolites, 69
Tie Hooks, 79
Tool Bags, 96-98
Tool Belts, 93
Tool Combo Kits, 104
Tool Combo Pack, 105
Tool Lanyards, 81
Tools, 101-110
Traffic Cones, 81
Training, 111-117
Transit Accessories, 69
Transits, 69
Tripods, 50, 51

V

Vacuums and Vacuum Attachments, 110
VSR Drills, 106

W

Warming Products, 75
Warning Triangles, 80
Web-Strap Hoist/Pullers, 63
Wire Grabs, 42
Wood Pole Fall Protection System, 28
Worklight, 110
Work Wear, 88
Wrenches, 70



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