

UNI 16™ HORIZONTAL LIFELINE



**Uni 16™**

**HORIZONTAL**

**LIFELINE SYNTHETIC**

**CABLE SYSTEM**



THE ULTIMATE IN FALL PROTECTION

PRODUCT SHEET



# WORKING SAFELY AT HEIGHTS

A workplace is considered to be at height if a person could be injured when falling from it, even if it is at or below ground level. This means that work place risks need to be carefully assessed and appropriate and proportionate control measures implemented in order to mitigate such risks. The Uni 16 Horizontal Lifeline Synthetic Cable System combined with good management controls provides a simple, yet comprehensive solution that will ensure compliance with current regulations in many circumstances.



The Uni 16 product is well suited to special projects, refurbishments and can also be used for a wide range of industrial safety applications. The product is high quality, while providing excellent value for money. In typical circumstances, the product can span up to 100ft (30m) between support brackets. Uni 16 offers excellent functionality through its free flowing bypass capability and can navigate corners and contours in building designs. Minimal moving parts and high grade materials ensure long life expectancy, low cost of ownership and add up to a sound investment. The system can be fitted to many types of structures and can also support multiple workers for both fall arrest and work restraint applications. Detailed information to ensure safe system design and integration is provided by our comprehensive Uniline for Windows software program and further enhanced by a comprehensive installation network.



## BEST FOR INDUSTRY, CONSTRUCTION & SPECIALIZED APPLICATIONS



### FEATURES & BENEFITS

- A unique 16mm (5/8") synthetic cable system for permanent fall protection applications, offering excellent freedom of movement
- Spans of up to 100ft (30m) typically between intermediate supports, saving installation time and cost
- Navigates corners and building contours
- Excellent energy absorbing capability
- Electro-polished components provide long-term corrosion resistance\*\*
- Water resistant and does not rot
- UV and ozone resistant
- Non-abrasive
- System performance calculated using custom design software
- Conforms to EN795 Class, OSHA 1915.159 & 1926.502M, ANSI Z359.1 2007 & AS/NZS 1891.2
- CE Marked

\*\*Some aggressive environments can cause corrosion and discoloration of stainless steel



### SYSTEM TENSIONER

316 & 304 stainless steel with tension indicator disc and ability to lengthen or shorten the system

### 16MM SYNTHETIC CABLE

Constructed from polyester, latex and neoprene with a breaking strength of 17,000lbs (76kN). Available in grey, orange or black



### INTERMEDIATE BRACKET

316 stainless steel, electropolished. Variable positioning available to suit a range of applications, re-orientates load in the event of a fall



# UNI 16™ SYSTEM LAYOUT



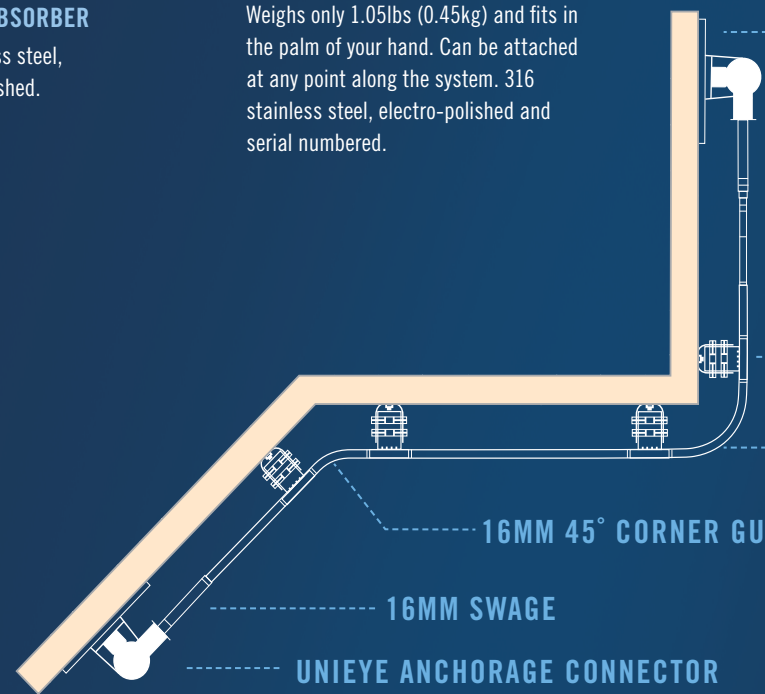
**INLINE FORCE MANAGEMENT ENERGY ABSORBER**  
316 stainless steel, electro-polished.



**UNIGRAB ATTACHMENT DEVICE**  
Weighs only 1.05lbs (0.45kg) and fits in the palm of your hand. Can be attached at any point along the system. 316 stainless steel, electro-polished and serial numbered.



**WALL ANCHOR PLATE**  
316 stainless steel, electro-polished. 11,240lbs (50kN) min breaking strength.



**16MM TENSIONER**

**16MM INTERMEDIATE BRACKET**



**16MM 90° CORNER GUIDE 90 AND 45 DEGREE CORNERS**  
316 stainless steel, electro-polished. Other angles achieved using bespoke fabrications.

**16MM 45° CORNER GUIDE**

**16MM SWAGE**

**UNIEYE ANCHORAGE CONNECTOR**



**SWAGE END**  
316 stainless steel.



**UNIEYE END ANCHORAGE CONNECTOR**  
316 stainless steel, electro-polished, serial numbered – 15,000lbs (67kN) min breaking strength.

# EVACUATION & RESCUE AT HEIGHT



Many people engaged in Roofwork are actively using harnesses, lanyards and anchor points as part of their every day work activities. If they fall from or through a roof while attached to an anchor point it is unlikely they will be able to recover themselves. In this case, someone will need to recover the fallen worker in a safe and timely manner to prevent further trauma and in extreme cases, death. Capital Safety make rescue planning straightforward with their comprehensive product and service offer.

Using Capital Safety's extensive experience we have put together a number of standard kits to ensure that you are equipped for every eventuality within your industry or sector.

In the event that a person working at height falls while attached to a fall protection system, it is very unlikely that they will be able to recover themselves.

If this is the case, then specialized equipment used by trained personnel will be required to quickly and efficiently affect a rescue or recovery.

Failure to recover a worker suspended in a safety harness following a fall within a period of 20 minutes could lead to suspension trauma, which in some cases can be fatal.

In order to achieve such a rescue or recovery in time, it is essential that work is correctly planned, risks considered and intuitive equipment is available for use by competent people.

Capital Safety supplies a range of brilliantly engineered and highly intuitive rescue and evacuation products, that when combined as part of a complete access solution, effectively mitigate workplace risks.

Each device has been developed to offer simplicity of use and increase user confidence so that rescue provisions can be considered and implemented by those that need it across a wide range of industry sectors.

In many cases products offer cross functionality, which additionally reduces the need to carry multiple pieces of rescue equipment and saves money in both product and training.



**INDUSTRY ROOFING RESCUE & EVACUATION KIT**





## INNOVATION THAT BRINGS WORKERS AT HEIGHT HOME SAFELY.

Capital Safety is a global company solely dedicated to fall protection and rescue. Our focus is razor sharp. And it continually drives us to design and manufacture the safest possible height safety gear.

We understand the industries we serve and listen to the workers in the field. We employ the best engineers to create innovative solutions and patent the products that keep workers safe at heights around the world. Capital Safety has the best quality and largest range of fall protection products in the industry. But we're more than a product company.

We take an innovative approach in bringing our products to the field. We have created international partnerships and a vast network of authorized distributors, certified installers and service centers. We offer on-site and in-house training. And we're ISO 9001-2000 certified for customer service, as well as manufacturing and engineering.

Capital Safety is one of the world's leading manufacturers of fall protection and rescue equipment, with decades of experience and a legacy of innovation. Look for complete solutions in our extensive line of DBI-SALA®, Uniline® and Protecta® products.



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