



# FALL PROTECTION EQUIPMENT





**INDUSTRIAL  
SCIENTIFIC**



**SKYLOTEC**

climb. work. rescue.  
**I|S|C**  
Solutions in Metal

**KANOX®**

**sèkur®**

**OPGAL**  
Beyond the Visible

**ZELINSKY  
GROUP**

**CALGAZ**

**CHEMDEFEND**  
PROTECTIVE CLOTHING

**edc**  
PROTECTION

**3M**

**SCOTT**  
SAFETY



**RESPIREX™**  
Living + Breathing Personal Protection

**ION**

**CIRLOCK**  
LOCKOUT / TAGOUT EQUIPMENT

**JSP®**

**PRO**  
prosafetygear.com

**SAFETY  
GEAR**

**Panindochina®**

**CleanAIR®**



**STREAMLIGHT®**

**NEWTEX®**  
EXTREME PROTECTIVE APPAREL



**MFC International**  
by RESPIREX  
ENGINEERED INFLATABLE PRODUCT SOLUTIONS

**THORZT**  
HYDRATE. ENERGISE. PERFORM.

**MAPA®**  
PROFESSIONNEL

**CT**  
climbing  
technology

**CURTISS -  
WRIGHT**

**S Protect**

**Thorogood**  
SHOES

**frontier®**  
SAFETY INDUSTRIAL FOOTWEAR

**INNO  
TEX®**

**PRATT**  
SAFETY SYSTEMS

Windsock Company

**PID**  
PROTECTIVE INDUSTRIAL PRODUCTS

**NEWAGE** FIRE PROTECTION  
INDUSTRIES PRIVATE LIMITED

**TOBIN**  
EYEWASH SYSTEM

**THE  
SEAHORSE**

**KLEVER  
INNOVATIONS**

**LW  
COMPRESSORS**



## About us

**Being an established provider of safety equipment and its services in Vietnam, our main motivational factor comes from customers' satisfaction via our quality product and services. We aspire to become an integrated Provider/ Partner with a leading presence in Indochine.**



### OUR VISION

To be a highly valued products and services provider in the manufacturing and services providers market, using progressive management practices and knowledge based skilled employee.



### OUR GOALS

To build a core range of safety products with high quality and performances appreciated by users for it's value and meeting the demands by users to protect lives.

To ensure and build the company to be able to translate these values to the general market users.

To explore and introduce other related potential business units which would help customers with their supply chains.

To continuously plan for growth for the company and it's workforce.



### OUR MISSIONS

Panindochina aims to set up distribution network of dealers and regional sales team to reach out and service customers in major regions of Vietnam.

Panindochina has set up facilities to support after sales service needs of our customers for the products we supply.

Panindochina has set up growth plans for the company and it's workforce to achieve it's Vision and Mission.



### OUR VALUE

Quality product orientated for value and performances.

Teamwork of employees for best customer supports.

Market awareness for best communications between users, manufacturers, supplier and company of market need.

## Why Choose Us

### Employees

Over 25 trained Employees to cover for our operation, and development of the company

### Partners

Over 10 Official Partners in the distribution product and its services in whole Vietnam and Cambodia

### Collaborated with the manufacturers

Collaborated with the manufacturers to conduct the training for the safety product to the customers

### Local Cultural

Understanding & Respecting the Local Cultural

### Manufacturers and Partners

Over 30 well-known oversea Manufacturers and Partners to assure the Technical Support, Supplying Chain and Services

### Qualified and Certified Technicians

By the manufacturers (3M-Scott Safety, Industrial Scientific; Skylotec; SafetyLink) to assure about the technical support after sales in Vietnam

### System

Professional management system

### Closely Collaboration

Closely Collaboration with the customer and the manufacturer

# Technical Services For Fall Protection Equipment & Systems



## General service life

The service life of Personal Fall Protection Equipment (PFPE) depends to a large extent on the conditions of use. Harnesses and ropes made of chemical fibres are subject to a certain ageing effect even if not put under any stress, e.g. from ultraviolet light or from climatic or other environmental influences. In addition, the softening agents in textile materials used in PFPE can volatilize over time, which can lead to the equipment becoming brittle even when it is not being used. This can cause damage to the material, which may not be visible, and loss of resistance. The DGUV 112-198 statutes therefore recommend that ropes and cables are replaced every 4-6 years and harnesses every 6-8 years, although the manufacturer's instructions in the user handbook should also be observed in this respect. Almost all products that are used very intensively will not reach their maximum service life.



## Service life of products

The products are made from the highest quality materials, under normal usage conditions, the maximum service life may be expected to exceed the recommendations of the DGUV 112-198. If the equipment is stored correctly and for a maximum of 2 years, harnesses must be replaced after a maximum of 8 years after the first use and ropes and cables after a maximum of 6 years. A total service life of a maximum of 10 years is possible if the products are allocated to only one user, who does not use them excessively, always handles them carefully and is aware of the entire usage history.



## Installation & Assembly

Professional installation by certified fitters on site.

If you decide to install our permanent fall protection systems, such as SKYLINE or SKYRAIL, we will of course take over the planning and professional installation as well as the regular system inspections required later on.

As well as permanent systems, we also install climbing protection ladders, single anchor points and much more besides in places where there is a risk of falling.

Three good reasons to choose Panindochina:

- Our specialists assembly and dismantle equipment on site.
- We provide support for maintenance and inspections.
- We help you with renovation, cleaning and servicing.

## Why does PFPE need to be checked?

Personal Fall Protection Equipment (PFPE) must be checked by an expert (in accordance with DGUV 112-198) at least once a year and after being put under any stress or if you have any doubts as to its working order. The expert will decide whether the equipment is in good working order and whether it has reached a level of maturity defined by professional regulations. The material inspection is based on the principles governed in Germany by German statutory accident insurance (DGUV statutes 312-906) and on the relevant manufacturer specifications. The legibility of the product labelling should also be checked. The inspection should be carried out according to the manufacturer's specifications and must be documented.

## Inspection by Panindochina

As a manufacturer, Panindochina is authorised to inspect ropes, cables and harnesses from all manufacturers and to approve these products for further use by recording this in service logbooks. Panindochina also carries out inspections of all the abseiling and rescue equipment it manufactures or sells itself.

Panindochina carries out inspections in-house or on site at your own premises.

### Internal inspections:

- Harnesses, fall arrest devices, ropes and cables.
- Carabiners, band loops, anchor ropes.
- Safety systems.
- Abseil and rescue equipment (MILAN, Safety Roll, Safety Roll II, Rollgliss R 300, Rollgliss 350, Swissroll R 300).
- Tripods.
- Fall arresters.
- Climbing protection runners.
- Lifting devices (in accordance with UVV).

### External inspections

PFPE (on site at the user's premises).

We can also provide you with our services worldwide, thanks to our mobile services and a wide-ranging network with partner companies.

- Inspection of your devices
- Assembly of fall-arrest systems
- Working at heights with experienced experts and modern equipment

Where access is difficult and your projects need to be carried out at great heights or in areas where there is a danger of falling, our trained staff and state-of-the-art equipment are on hand to help. Our specialists are available worldwide and in particular for:

- Maintenance and inspections.
- Assembling and dismantling permanent systems.
- Photography and filming, documentaries.
- Putting together risk assessments and rescue concepts.



# Fall Protection

Effective fall protection is more than one product — it's a team of products working together.

## FALL PROTECTION IS AS EASY AS A, B, C & D

The first four letters of the alphabet help us understand the components of fall protection.

A is for anchorage, B is for body support, C is the connector that joins the two. D stands for the descent and rescue plan that must be on-site for each job.



## A

### ANCHORAGE CONNECTORS

**offer secure attachment to your location.**

Anchorage connectors, as defined by OSHA, are secure points of attachment for lifelines, lanyards or deceleration devices and are designed to hold fast under the forces generated during a fall.

Anchorage connectors vary by industry, job, type of installation and structure.

- An anchorage connector may be a beam anchor, hook anchor, cross-arm strap, D-bolt, tripod, davit or other secure device that serves as a point of attachment.
- Anchorages and anchorage connectors must be independent and capable of supporting 5,000 lbs. per worker attached, or they may be designed, installed and used under the supervision of a qualified person as part of a complete personal fall arrest system that maintains a safety factor of at least two times maximum arresting force. They must also be located high enough for a worker to avoid contact with a lower level should a fall occur.

## B

### BODY SUPPORT

**provides a personal connection point and distributes fall force across the entire body.**

Full Body Harnesses are used to distribute fall arrest forces across the shoulders, upper thighs, chest, and pelvis.

They feature a center back fall arrest attachment (dorsal D-ring) for clipping to the fall arrest connector and may have other D-rings for use in worker positioning, travel restraint, retrieval or ladder climbing. They are the only form of bodywear acceptable for fall arrest and should be selected based on the job task as well as the work environment.

Body Belts circle the waist and are used for worker positioning and travel restraint. While they are used in conjunction with a full body harness, they must NEVER be used for personal fall arrest.

## C

### CONNECTORS

**provide the lifeline between body harness and anchorage connector.**

Connectors attach the worker's harness to the anchorage connector. Types will vary depending on whether the worker needs connecting for either of the following:

- Personal Fall Arrest  
This connector is often a lanyard equipped with an energy-absorbing element to reduce the force transmitted to the user's body in the event of a fall.
- Positioning and Travel Restriction  
This connector is usually a simple lanyard intended to reduce the potential for entering a fall hazard zone or for free falling from a distance of less than 2 feet.

## D

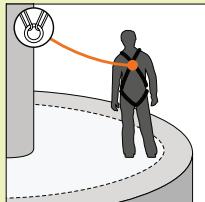
### DESCENT AND RESCUE DEVICES

**retrieve an injured worker and lower him/her to the ground.**

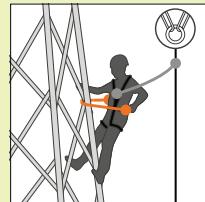
Users must have a rescue plan that either provides the prompt rescue of employees in the event of a fall or ensures that employees are able to rescue themselves.

## TYPES OF PPE SYSTEMS

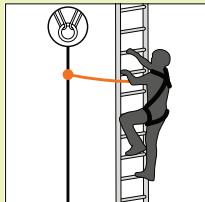
Different PPE devices are assembled together to create systems and subsystems which protect the operator in the event of a fall from a height, preventing or arresting the fall. They can be classified as follows.



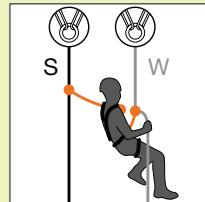
A restraint system limits the movement of the operator so that s/he cannot reach a zone from which a fall from a height is possible. This system does not arrest a fall, rather, it is designed to prevent a fall taking place. Such a system is not suitable for work situations where the operator needs to be supported by a harness.



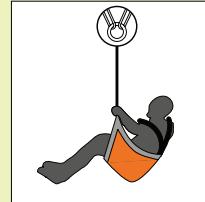
A work positioning system is not for arresting a fall, it must be used together with an adequate system for arresting a fall. It allows the operator who is in an awkward position to use both hands freely. A positioning device connects the lateral (EN 358) rings of the harness to the anchor points or to the fixed structure. Once it has been adjusted, the operator's weight is comfortably supported.



A fall arrest system arrests the operator's fall, limiting the loading on the body while doing so. This system allows the user to reach zones or positions in which the risk of falling freely exists and, if a fall occurs, limits the length of the fall and arrests the fall. A fall arrest system may include an energy dissipation device to limit loading on the body to tolerable value.



A rope access system allows the operator to work while suspended, avoiding or arresting a fall. This system is comprised of a working line (W) and a safety line (S), each separately anchored to the structure but both fixed to the operator's harness. The operator can descend down and climb back up the working line or remain suspended in the working position. The safety line is loaded only if there is a problem with the working line or the operator makes a mistake.



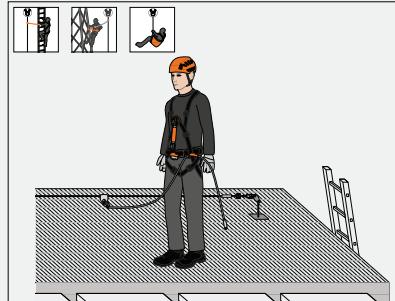
A rescue system allows an operator to rescue him/herself or other workers. It allows the lifting or lowering of a person to a safe place.

## TYPES OF ACTIVITIES WHEN WORKING AT HEIGHT

### WORKING ON A HORIZONTAL SURFACE



### WORKING ON A ROOF



### WORKING FROM AN AERIAL PLATFORM



### WORKING ON A LADDER



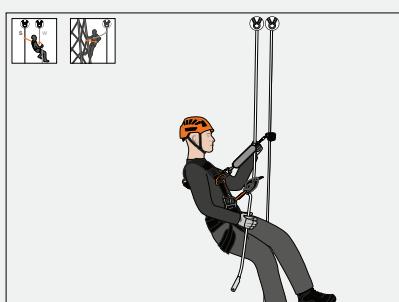
### WORKING ON A PYLON



### USE OF RESCUE KITS



### ROPE ACCESS WORK



### EVACUATION FROM SKI LIFTS



### TREE CLIMBING



# Fall Protection

## D-ring locations



## D-Ring Applications

	Dorsal	Sternal	Lateral	Shoulder	Ventral
Arrest					
Restraint					
Rescue					
Work positioning					
Climbing					
Rope Access					

### 1. Comfort padding

Select models feature cushioning on shoulders, back and legs for increased comfort and additional security in a fall.

### 2. Dorsal D-ring

Make easier connections with the conveniently adjustable D-ring, which is built from high-quality alloy steel for strength and durability.

### 3. Lanyard keepers

Help prevent accidental entanglements by "parking" lanyards here when not in use.

### 4. Built-in impact indicator

Simplifies inspection for prior fall events.

### 5. Spring-loaded torso buckles

Provide fast and easy adjustment on the job.

### 6. Lightweight hardware

Reduces weight and fatigue. Increases comfort and productivity.

### 7. Body belt and hip pad

Add lumbar support, positioning capabilities and tool carrying capabilities.

### 8. Multiple connection points

Enhance versatility, allowing harness to be used for many different jobsite applications.

### 9. Tongue-buckle legs

Simple, fast and easy adjustment. An excellent choice when more than one worker uses a harness.



## SELECTION GUIDE: HARNESS

A body harness is an indispensable part of personal protective equipment. Work positioning harnesses or sit harnesses are also often necessary for many kinds of rope access work in order to be able to execute certain jobs. The harness restrains the body and must be worn for temporary work at height. It connects the operator to her/his protection system and, in certain cases, it can hold her/him suspended or during the arresting of a fall. A harness must meet the requirements of both the purpose as well as the comfort and function.



### Fall arrest harness in accordance with EN 361

For protection in areas where there is a danger of falling and for catching in the event of falls (e.g. when working on towers, masts, overhangs on buildings).

### Work position harness in accordance with EN 358

To keep the user in the working position and hold him back in areas where there is a danger of falling. The holding eyelets are normally on the side in the area of the hips.

### Rescue Harness/Loop

Harnesses and loops for rescuing people. Different designs for various rescue situations.

### Fall-arrest harness for use in climbing protection in combination with EN 353-1

For protection in areas where there is a danger of falling and for catching in the event of falls in combination with following devices in fixed guides – climbing protection – (e.g. during work on towers, masts). The climbing protection eyelets are normally on the waist belt, centrally in front of the body.

### Sitting Harness in accordance with EN 813

For holding in sitting working position when hanging freely. Sitting harness eyelets are, if possible, in the area of the body's centre of gravity.

### IN DETAIL

#### IGNITE SERIES



The two orange roping-up loops made of fabric are approved for joint use and equipped with abrasion indicator for maximum safety.

The buckle by Fidlock in the chest area snaps magnetically and closes almost automatically.

Exceptional fit due to simplified adjustment options in the chest and leg area.

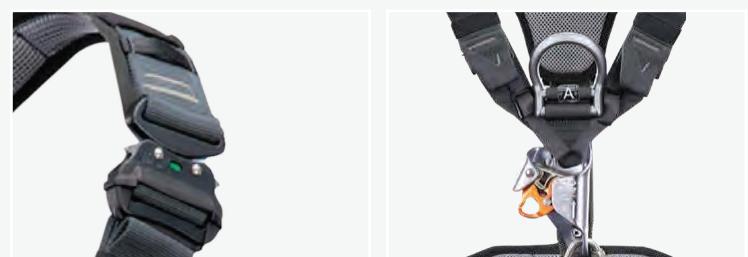
#### IGNITE SERIES



The synthetic sliding plate protects the hip pad from wear and tear.

Padding in the leg area provides optimum comfort, as friction on the skin and the formation of chafing points are prevented.

#### GRYPHON / GRYPHON ASCENDER



Shoulder strap with quick-release buckle

CHEST ASCENDER+ included



Straps for HOOK REST support (not included, ACS-0321)

Attachments for work seat (not included)

# Fall Protection

**ARG 30**  
G-0030



**CS 8**  
G-0908



**IGNITE TRION**  
G-1131



The high-performance full-body harness ARG 30 is the allrounder for maintenance work and construction.

The CS 8 is an absolute all-round harness. It is suitable for rope access technology, scaffolding, rescue work and working on wind turbines.

High-quality all-round harness for industry and craft with climbing vprotection eyelet

**IGNITE PROTON WIND**  
G-1132



IGNITE PROTON scores with thermo-shaped hip padding that evenly distributes weight and is protected from wear and tear on the outside with a plate

**IGNITE ION STRAP**  
G-1135



The IGNITE ION STRAP is suitable for all classic construction and maintenance applications

**GRYPHON**  
G-1172



Comfortable and ergonomic harness equipped with six attachment points and specifically developed for rope access work

**WORK TEC 140**  
G-1179



Ergonomic harness with two EN 361 attachment points developed for restraint systems and for use in fall arrest systems

**AIR ASCENT**  
G-1181



Rescue harness for use in hostile environments or with difficult access comprised of sit harness and chest harness.

**FALC STANDARD**  
G-1155



High-quality all-round harness for industry and craft with climbing vprotection eyelet

**IGNITE NEON**  
G-1153



The IGNITE NEON combines everything needed for a high-quality rope access harness. It has an integrated chest ascender and its own gray loops for attaching the seat board.

**IGNITE NUCLEON**  
G-1161



Fully equipped fall arrest and work positioning harness with plastic slide plate and arrester eyelet.

**IGNITE NIQB 2.0**  
G-1143-02



Harness for firefighting, special forces or rope access equipment - covers the most varied use and rescue scenarios in classic H-style.

## Accessories For Full Body Harness

**XARRIER**  
G-1173



The lightweight and ergonomic seat harness XARRIER is excellent for rope access workers who prefer comfort combined with lightness.

**XARRIER TOP X**  
G-1174



The CS 8 is an absolute all-round harness. It is suitable for rope access technology, scaffolding, rescue work and working on wind turbines.

**XARRIER TOP Y**  
G-1175



Detachable chest harness that combines with XARRIER seat harness to form a full-body harness equipped with five attachment points. Ideal for rescue operations.

**WAIST TEC**  
G-1180



Ergonomic waist belt designed for restraint systems and work in positioning. It can be combined with the WORK TEC 140 fall arrest harness.

**SHOULDER PAD IGNITE**  
ACS-0302



The removable and washable shoulder pads are suitable for all harnesses of the IGNITE series.

**LEG PAD IGNITE**  
ACS-0303



The removable and washable leg pads are suitable for all harnesses of the IGNITE series.

**SEAT TEC**  
G-0208



Robust, adjustable positioning seat developed for suspended working. Equipped with seven sturdy gear loops, positioned for optimal load distribution.

**SLIDING BRIDGE**  
G-1152



The flexibly exchangeable SLIDING BRIDGE with one O-ring is designed as a substitute or replacement part for the IGNITE ARB.

**LANY PARK**  
ACS-0190



Provides space for lanyards while not in use

**STAND UP**  
ACS-0305



This flexible loop ascender can be particularly well adjusted to the size of the user, especially for very large people.

**RESC B**  
G-1042-B



This rescue sheet can be used instead of a harness for abseiling in an emergency. The rescue sheet can be adjusted to almost all body sizes due to its different eyelets.

**HOOK REST**  
ACS-0321

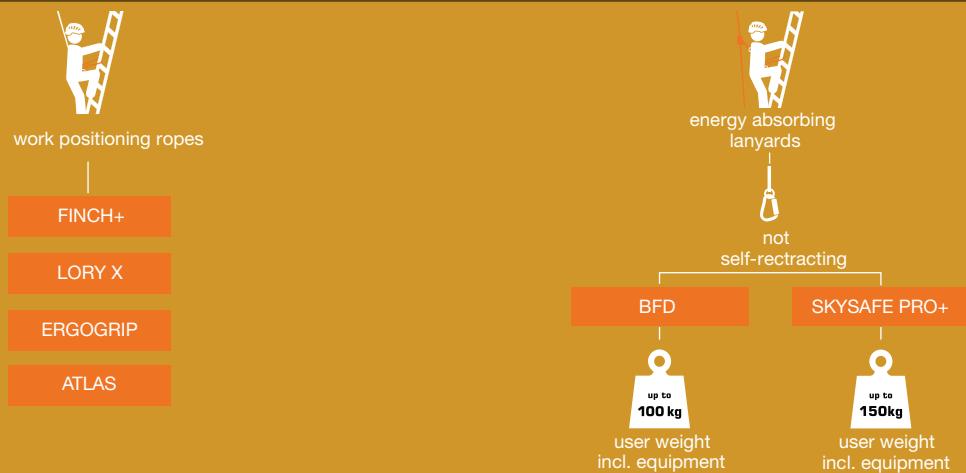


Support specifically designed for the attachment of the carabiners of a fall arrest lanyard when only one arm is used, or when the equipment as a whole is not used.

# Lanyard

Lanyards are the most important component between the harness and the anchor point and, in the form of positioning ropes, are primarily used for safe work positioning at height. Energy absorbers, on the other hand, reduce the force acting on the body (impact force) to a minimum in the event of a fall. The given user weight is decisive and must be taken into account in the selection.

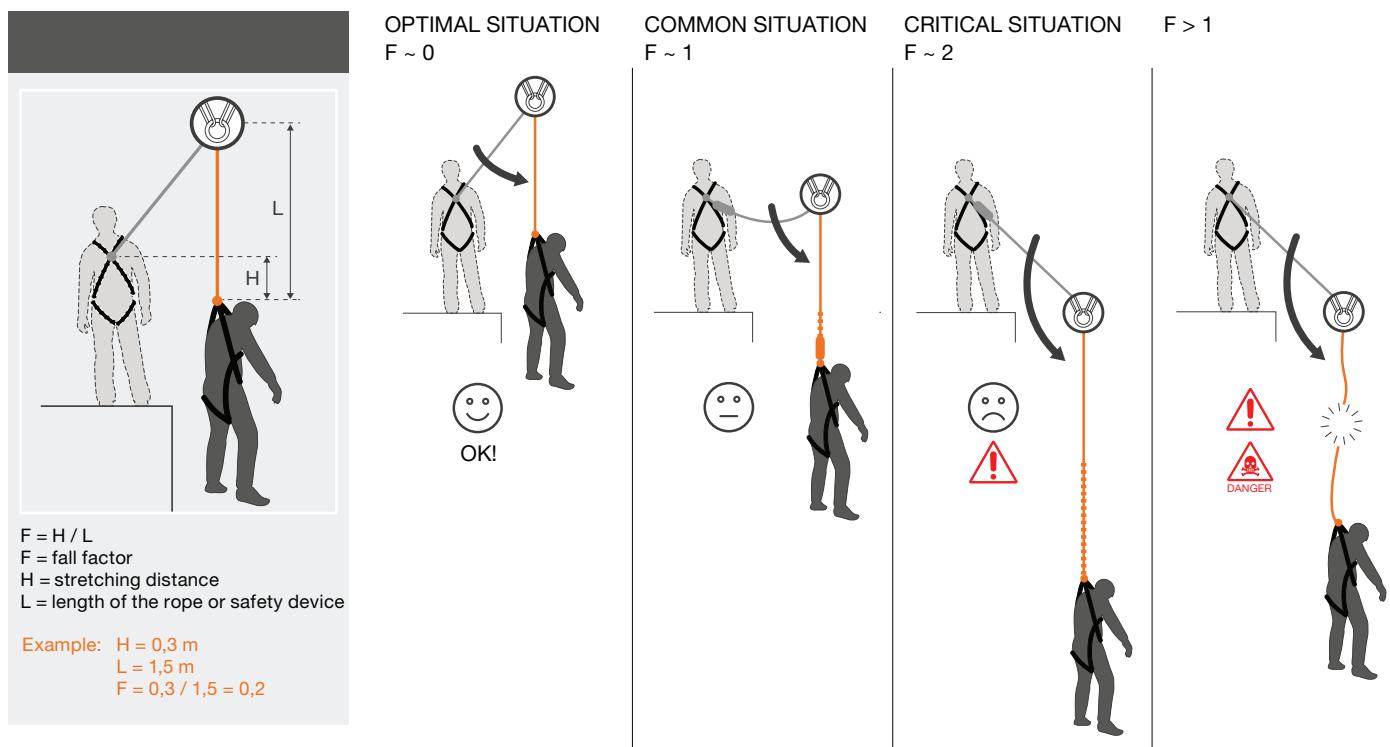
## SELECTION GUIDE



### POSITIONING LANYARDS

	FINCH+	LORY X	ERGOGRIP	ATLAS	BFD SK12 I + Y	SKYSAFE PRO+ I + Y
Max. user weight (in kg)	140 kg	150 kg	140 kg	150 kg	100 kg	150 kg
Integrated RESCUE LOOPS	✗	✗	✗	✗	✗	✓
Bypass-proof lanyard	✗	✗	✗	✗	✗	✓
Reduced falling height due to self-retractable system	✗	✗	✗	✗	✗	✗
Material	aluminium, polyamide, steel	aluminium, polyamide, steel	aluminium, polyamide, steel	aluminium, polyamide, steel	polyamide rope	polyester flex webbing
Edge-tested (horizontal use)	✗	✗	✗	✗	✗	✓
Suitable for work platforms	✗	✗	✗	✗	✗	✗
Available lengths	2 m, 3 m, 4 m, 5 m	1.5 m, 2 m, 3 m, 5 m	1.5 m, 2 m, 2.5 m, 3 m, 3.5 m, 4.5 m	1.5 m, 2 m	1.5 m, 2 m	1.8 m

## Fall Factor



## Lanyard options

### Internal Shock



Shock absorbing functionality incorporated into entire length of lanyard.

### External Shock



Shock absorbing functionality incorporated into integral external shock pack.

### Non-Shock



No shock absorbing functionality.

### Adjustable



Adjust to fit length required by job.

### Tie-Back



For tying around compatible structural anchor.

### Tie-Off



For workers to move horizontally from one area to another while being continuously attached.

### Work Positioning



Used in work positioning applications.

### Extension



## Hook types



One-hand operation makes snap hooks the most popular in the industry.

You can even operate them with your gloves on. Open and close without getting your fingers in the way!

All lanyards feature 16kN rated gates, meeting the rigorous ANSI Z359 standard.

### Lanyard hook options

#### FS 51 ST Hook

18 mm gate opening.  
20kN gate strength.  
Material: Steel



#### FS 90 ALU Hook

60 mm gate opening.  
22 kN gate strength  
Material: Aluminium



#### FS 90 ST Rebar Hook

50 mm gate opening.  
23 kN gate strength.  
Material: Steel



#### FS 90 ST ANSI Hook

60 mm gate opening.  
50 kN gate strength.  
Material: Steel



#### FS 92 Hook

90 mm gate opening -  
23kN gate strength.  
Material: Steel



#### FS 64 ALU Lock Hook

64 mm gate opening.  
28 kN gate strength.  
Material: Aluminium



#### ATTACK Hook

25 mm gate opening.  
36 kN gate strength.  
Material: Aluminium



#### WIB IND ANSI Hook

30 mm gate opening.  
16kN gate strength.  
Material: Steel



#### SNAP HOOK 23kN

22 mm gate opening -  
23 kN gate strength.  
Material: Steel



#### KOBRA AL TRI Carabiner

22 mm gate opening.  
45 kN gate strength.  
Material: Aluminium



#### KOBRA TRI Carabiner

22 mm gate opening.  
45 kN gate strength.  
Material: Steel



#### STAK TRI Carabiner

22 mm gate opening.  
28 kN gate strength.  
Material: Aluminium



## Single-Leg Lanyards



### SKYSAFE PRO FLEX

Part Number:	L-0568-1,8
Standards:	EN 354:2010, EN 355:2002, EN 795:2012, RFU PPE-R/11.063, RFU PPE-R/11.074
Maximum lifetime:	10 years
Minimum tensile strength:	22 kN
Lanyard rope diameter:	30.00 mm
Length:	1.8 m
Weight:	1.4 kg
Carabiner on anchoring point side:	FS 90 ST
Carabiner on belt side:	KOBRA TRI
Material:	Polyester, Steel
Rope material:	Polyester



### SKYSAFE PRO+

Part Number:	L-0834-1C8
Standards:	EN 354:2010, EN 355:2002, EN 795:2012, RFU 11.063, RFU 11.074,
Maximum lifetime:	10 years
Minimum tensile strength:	22 kN
Lanyard rope diameter:	30.00 mm
Length:	1.8 m
Weight:	1.15 kg
Carabiner on anchoring point side:	FS 90 ST
Carabiner on belt side:	KOBRA TRI
Material:	Polyamide, Polyester, Steel
Rope material:	Polyamide, Polyester



### BFD SK12

Part Number:	L-0095-1   L-0095-1.5 L-0095-2
Standards:	EN 354:2010, EN 355:2002
Maximum lifetime:	10 years
Minimum tensile strength:	22 kN
Lanyard rope diameter:	12.00 mm
Length:	1 m   1.5 m   2 m
Weight:	1.31 kg   1.35 kg   1.39 kg
Carabiner on anchoring point side:	KOBRA TRI
Carabiner on belt side:	KOBRA TRI
Material:	Polyamide, Steel
Rope material:	Polyamide



### BFD SK12

Part Number:	L-0128-1   L-0128-1.5   L-0128-2
Standards:	EN 354:2010, EN 355:2002
Maximum lifetime:	10 years
Minimum tensile strength:	22 kN
Lanyard rope diameter:	12.00 mm
Length:	1 m   1.5 m   2 m
Weight:	1.48 kg   1.52 kg   1.56 kg
Carabiner on anchoring point side:	FS 90 ST
Carabiner on belt side:	FS 51 ST
Material:	Polyamide, Steel
Rope material:	Polyamide



### BFD SK12

Part Number:	L-0194-1,5   L-0194-1,8   L-0194-2
Standards:	EN 354:2010, EN 355:2002
Maximum lifetime:	10 years
Minimum tensile strength:	22 kN
Lanyard rope diameter:	12.00 mm
Length:	1.5 m   1.8 m   2 m
Weight:	1.63 kg   1.88 kg   1.68 kg
Carabiner on anchoring point side:	FS 90 ALU
Carabiner on belt side:	STAK TRI
Material:	Aluminium, Polyamide
Rope material:	Polyamide



### BFD SK12

Part Number:	L-0096-1   L-0096-1,5   L-0096-2
Standards:	EN 354:2010, EN 355:2002
Maximum lifetime:	10 years
Minimum tensile strength:	22 kN
Lanyard rope diameter:	12.00 mm
Length:	1 m   1.5 m   2 m
Weight:	1.24 kg   1.28 kg   1.33 kg
Carabiner on anchoring point side:	FS 51 ST
Carabiner on belt side:	FS 51 ST
Material:	Polyamide, Steel
Rope material:	Polyamide



### BFD SK12

Part Number:	L-0097-1   L-0097-1,5   L-0097-2
Standards:	EN 354:2010, EN 355:2002
Maximum lifetime:	10 years
Minimum tensile strength:	22 kN
Lanyard rope diameter:	12.00 mm
Length:	1 m   1.5 m   2 m
Weight:	1.34 kg   1.39 kg   1.43 kg
Carabiner on anchoring point side:	FS 64 ALU
Carabiner on belt side:	STAK TRI
Material:	Aluminium, Polyamide
Rope material:	Polyamide



### BFD SK12

Part Number:	L-0098-1,5   L-0098-2
Standards:	EN 354:2010, EN 355:2002
Maximum lifetime:	10 years
Minimum tensile strength:	22 kN
Lanyard rope diameter:	12.00 mm
Length:	1.5 m   2 m
Weight:	1.86 kg   1.96 kg
Carabiner on anchoring point side:	FS 92
Carabiner on belt side:	FS 51 ST
Material:	Polyamide, Steel
Rope material:	Polyamide

## Twin-Leg Lanyards

## SKYSAFE PRO



Part Number:	L-0559-1,8
Standards:	EN 354:2010, EN 355:2002, EN 795:2012, RFU PPE-R/11.063, RFU PPE-R/11.074
Maximum lifetime:	10 years
Minimum tensile strength:	22 kN
Lanyard rope diameter:	30.00 mm
Length:	1.8 m
Weight:	1.85 kg
Carabiner on anchoring point side:	FS 90 ALU
Carabiner on belt side:	STAK TRI
Material:	Aluminium, Polyamide, Polyester
Rope material:	Polyamide, Polyester

## BFD Y FLEX



Part Number:	L-0209-1,5
Standards:	CNB/P/11.063:2014, EN 354:2010, EN 355:2002
Maximum lifetime:	10 years
Minimum tensile strength:	22 kN
Lanyard rope diameter:	30.00 mm
Length:	1.5 m
Weight:	2.26 kg
Carabiner on anchoring point side:	FS 90 ST
Carabiner on belt side:	FS 51 ST
Material:	Steel, Polyamide, Polyester
Rope material:	Polyamide, Polyester

## BFD SK12



Part Number:	L-0117-2
Standards:	EN 354, EN 355:2002
Maximum lifetime:	10 years
Minimum tensile strength:	22 kN
Lanyard rope diameter:	12.00 mm
Length:	2 m
Weight:	2.38 kg
Carabiner on anchoring point side:	FS 90 ST
Carabiner on belt side:	FS 51 ST
Material:	Steel, Polyamide
Rope material:	Polyamide

## SKYSAFE PRO



Part Number:	L-0561-1,8
Standards:	EN 354:2010, EN 355:2002, EN 795:2012, RFU PPE-R/11.063, RFU PPE-R/11.074
Maximum lifetime:	10 years
Minimum tensile strength:	22 kN
Lanyard rope diameter:	30.00 mm
Length:	1.8 m
Weight:	2 kg
Carabiner on anchoring point side:	FS 90 ST
Carabiner on belt side:	KOBRA TRI
Material:	Steel, Polyamide, Polyester
Rope material:	Polyamide, Polyester

## SKYSAFE PRO



Part Number:	L-0572-1,8
Standards:	ANSI Z359.13-6/12FTFF:2013, AS/NZS 1891.1:2007, EN 354:2010, EN 355:2002, EN 795:2012, MEETS CSA Z259.11-05-E6:2010, RFU PPE-R/11.063, RFU PPE-R/11.074
Maximum lifetime:	10 years
Minimum tensile strength:	22 kN
Lanyard rope diameter:	25.00 mm
Length:	1.8 m
Weight:	2.72 kg
Carabiner on anchoring point side:	FS 90 ST ANSI
Carabiner on belt side:	KOBRA TRI
Material:	Steel, Polyamide, Polyester
Rope material:	Polyester, Polyamide

## SKYSAFE PRO



Part Number:	L-0642-1,8
Standards:	EN 354:2010, EN 355:2002, EN 795:2012, RFU PPE-R/11.063, RFU PPE-R/11.074
Maximum lifetime:	10 years
Minimum tensile strength:	22 kN
Lanyard rope diameter:	25.00 mm
Length:	1.2 m - 1.8 m
Weight:	2.55 kg
Carabiner on anchoring point side:	FS 90 ST ANSI
Carabiner on belt side:	KOBRA TRI
Material:	Steel, Polyamide, Polyester
Rope material:	Polyester, Polyamide

## SKYSAFE PRO+



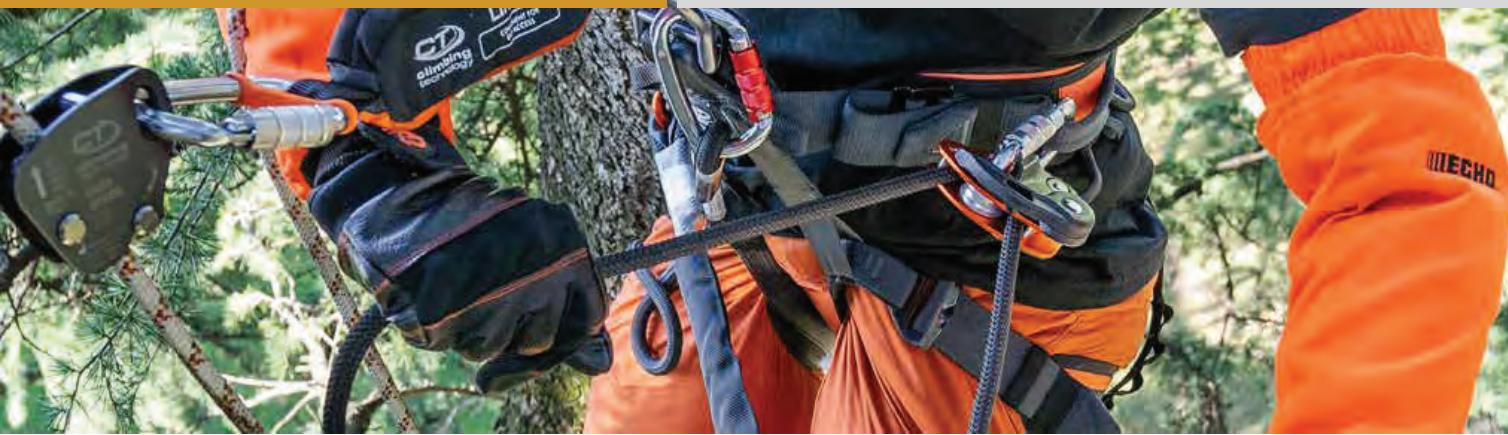
Part Number:	L-0561-1,8
Standards:	EN 354:2010, EN 355:2002, EN 795:2012/B, RFU PPE-R/11.074
Maximum lifetime:	10 years
Minimum tensile strength:	22 kN
Lanyard rope diameter:	30.00 mm
Length:	1.8 m
Weight:	2.33 kg
Carabiner on anchoring point side:	FS 64 ALU
Carabiner on belt side:	KOBRA AL TRI
Material:	Aluminium, Polyamide, Polyester
Rope material:	Polyester, Polyamide

## SKYSAFE PRO+



Part Number:	L-0836-1C8
Standards:	EN 354:2010, EN 355:2002, EN 795:2012/B, RFU PPE-R/11.074
Maximum lifetime:	10 years
Minimum tensile strength:	22 kN
Lanyard rope diameter:	30.00 mm
Length:	1.8 m
Weight:	2.48 kg
Carabiner on anchoring point side:	FS 90 ST ANSI
Carabiner on belt side:	KOBRA TRI
Material:	Steel, Polyamide, Polyester
Rope material:	Polyester, Polyamide

# Positioning Lanyards



## ERGOGRIP SK12



Part Number:	L-0030-2
Standards:	EN 358:2018
Maximum lifetime:	10 years
Minimum tensile strength:	15 kN
Length:	2 m
Weight:	1.22 kg
Lanyard rope diameter:	12.00 mm
Material:	Polyamide, Aluminium
Rope material:	Polyamide

## ERGOGRIP SK12



Part Number:	L-0031-2
Standards:	EN 358:2018
Maximum lifetime:	10 years
Minimum tensile strength:	15 kN
Length:	2 m
Weight:	1.39 kg
Lanyard rope diameter:	12.00 mm
Material:	Polyamide, Steel
Rope material:	Polyamide

## ERGOGRIP SK 12



Part Number:	L-0277-2
Standards:	EN 358:2018
Maximum lifetime:	10 years
Minimum tensile strength:	15 kN
Length:	2 m
Weight:	1.36 kg
Lanyard rope diameter:	12.00 mm
Material:	Polyamide, Aluminium
Rope material:	Polyamide

## ERGOGRIP SK 12



Part Number:	L-0259-2
Standards:	EN 358:2018
Maximum lifetime:	10 years
Minimum tensile strength:	15 kN
Length:	2 m
Weight:	1.43 kg
Lanyard rope diameter:	12.00 mm
Material:	Aluminium, Polyamide, Steel
Rope material:	Polyamide

## LORY X



Part Number:	L-0761-2
Standards:	EN 358:2018, EN 795-B:2012
Maximum lifetime:	10 years
Minimum tensile strength:	15 kN
Length:	2 m
Weight:	1.38 kg
Lanyard rope diameter:	11.00 mm
Material:	Aluminium, Polyamide, Steel
Rope material:	Polyamide

## ERGOGRIP SK 16



Part Number:	L-0368-1,8
Standards:	ANSI/ASSP Z359.3, EN 358:2018
Maximum lifetime:	10 years
Minimum tensile strength:	15 kN
Length:	1.8 m
Weight:	1.89 kg
Lanyard rope diameter:	16.00 mm
Material:	Polyamide, Steel, Aluminium
Rope material:	Polyamide

## FINCH+ SHELTER-S



Part Number:	L-1009-2   L-1009-3   L-1009-5
Standards:	CEN/TS 16415:2013, EN 12841-C:2006, EN 358:2018, EN 795-B/C:2012
Maximum lifetime:	10 years
Length:	2 m   3 m   5m
Weight:	0.82 kg   0.89 kg   1.05 kg
Lanyard rope diameter:	11.00 mm
Material:	Polyamide, Steel, Aluminium
Rope material:	Polyamide



## FINCH+ ADVANCE

Part Number:	L-1011-2, L-1011-3, L-1011-5
Standards:	CEN/TS 16415:2013, EN 12841-C:2006, EN 358:2018, EN 795-B/C:2012
Maximum lifetime:	10 years
Length:	2 m   3 m   5m
Weight:	0.69 kg   0.77 kg   0.93 kg
Lanyard rope diameter:	11.00 mm
Material:	Polyamide, Steel, Aluminium
Rope material:	Polyamide

## ATLAS SK12



Part Number:	L-0138-1,5   L-0138-2
Standards:	EN 358:2018, GB 6095:2021
Maximum lifetime:	10 years
Minimum tensile strength:	29.00 kN
Length:	1.5 m   2 m
Weight:	1.19 kg   1.24 kg
Lanyard rope diameter:	12.00 mm
Material:	Aluminium, Polyamide, Steel
Rope material:	Polyamide



## ATLAS SK12

Part Number:	L-0139-1,5   L-0139-2
Standards:	EN 358:2018
Maximum lifetime:	10 years
Minimum tensile strength:	29.00 kN
Length:	1.5 m   2 m
Weight:	0.93 kg   0.98 kg
Lanyard rope diameter:	12.00 mm
Material:	Polyamide, Steel, Aluminium
Rope material:	Polyamide

## SELECTION GUIDE



rope access devices



fall-arrest devices

### EASY ACCESS

detachable adjuster

### EASY SPEED

detachable adjuster

### SKR-2

detachable adjuster

### SCOUT

non-detachable adjuster

### SKN BFD SK 11

non-detachable adjuster



	SCOUT	EASY SPEED	EASY ACCESS	SKN BFD SK 11	SKR-2
Detachable adjuster	✗	✓	✗	✗	✓
Rope protection	✗	N/A	N/A	✗	N/A
Rated load	150 kg	140 kg (EN 12841:2006-A) 100 kg (EN 12841:2006-B) 140 kg (EN 353-2:2002) 120 kg (RFU 11.075)	140 kg (LINK 20, LINK 40)	140 kg	140 kg (EN 12841:2006-A, EN 353-2:2002)
Compatibility	N/A	LINK 20, LINK 40 (EN 12841:2006-A) EN 362 connector (EN 12841:2006-B) EN 362 connector, LINK 20, LINK 40 (EN 353-2:2002) LINK 20, LINK 40 (RFU 11.075)	LINK 20, LINK 40	N/A	EN 362 connector, KIT12
Available lengths	5 m, 10 m, 15 m, 20 m, 30 m, 50 m, 75 m, 100 m	N/A	N/A	5 m, 10 m, 15m, 20 m, 25 m	N/A
Rope diameter	11 mm	10.5 - 11 mm	11 mm	11 mm	10.5 - 11 mm
Standards	EN 353-2:2002 RFU 11.075	EN 12841:2006-A/B EN 353-2:2002 RFU 11.075	EN 12841:2006-A	EN 353-2:2002 RFU 11.075	EN 12841:2006-A EN 353-2:2002

**KIT 12**  
L-1012



Accessory component to be used in combination with the SKR-2 device. Allows the user greater mobility. Lightweight and robust. Length: 32 cm (connectors included).

**LINK 20**  
L-0829



Accessory component to be used in combination with the EASY SPEED and EASY ACCESS devices. Allows the user greater mobility. Length: 20 cm (excluding connectors).

**LINK 40**  
L-0817



Accessory component to be used in combination with the EASY SPEED and EASY ACCESS devices. Allows the user greater mobility. Length: 40 cm (excluding connectors).

# Self-Retracting Lifelines

## 1 Connector

Simplifies connection to anchor point (use Carabiner, Hook or Sling).

## 2 Top anchor/Handle

Helps prevent lifeline twisting and reduces wear on web lifeline.

## 3 Impact resistant case

Thermoplastic housing is lightweight, compact and durable.

## 4 Lifeline

The lifeline can be stainless steel/ galvanized steel or webbing.

## 5 Indicator

Designed to aware if the fall happens.

## 6 Hook

Self-locking snap hook.



## Hook Types



FS 51 ST HOOK



FS 90 ST HOOK



SNAP HOOK 23kN



FS 64 ALU HOOK



FS 92 HOOK



FS 90 ST ANSI HOOK



Carabiner

## How to choose the right SRL

### 1. Anchor location

Not all SRLs are the same. SRLs designed for anchoring at foot-level are different than those meant for overhead anchorage.

### 2. Lifeline material

Galvanized and stainless steel increase durability and dependability, while web is lighter for personal use.

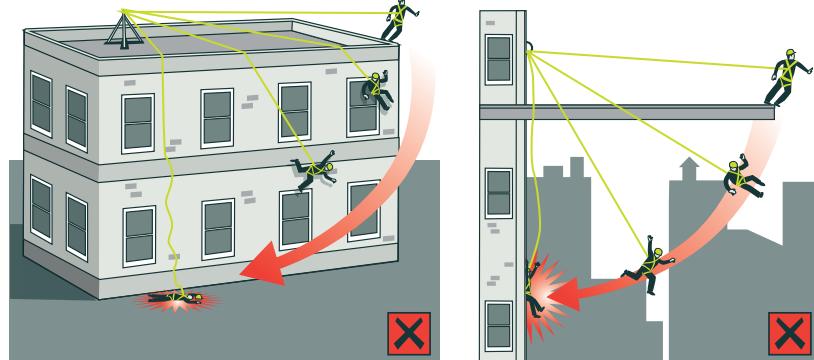
### 3. Length

Select a length that will allow maximum mobility while still arresting your fall at a safe distance.

### 4. Hook options

A variety of hook options help you to be flexible on the job when tying off to fall arrest rated anchor points.

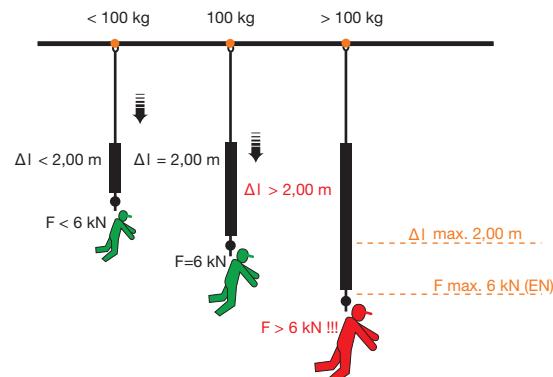
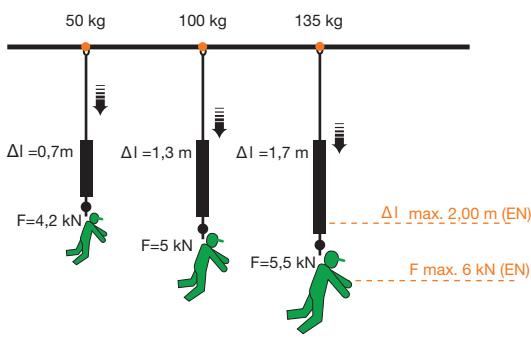
## How to prevent the pendulum effect



Pendulum effect caused by anchor point rope too long (left) and anchor point swing back (right)

- > Select an anchorage point at a right angle to the position of the line at the perimeter edge. If a right angle to the work position is not possible to achieve, the anchor point should be no more than 30 degrees to the work position. A mobile anchorage may be used.
- > Use a secondary anchor point and/or an anchor line.
- > Use a perimeter guardrail to prevent the possibility of a fall.
- > Use a work positioning system, or some other means of access such as an elevating work platform.

The ultra-compact fall protection device PEANUT, with the One-4-All shock absorber a large weight range from 50 kg to 135 kg that always withstands a maximum impact of less than 6 kN at a maximum absorber length of 2.00 m. When using the PEANUT, the load on the entire safety chain is reduced. As a result, PEANUT can be used in combination with any of our harnesses for a user weight from 50 kg up to 135 kg.





The RAPTOR retractable type fall arrester with self-retracting wear galvanized steel cable bing and automatic blocking function enables safe working at height and depth. RAPTOR is modular in design so that all components can be replaced individually, reducing inspection times and maintenance costs. An energy-absorbing inlet damper protects the device housing and the internal mechanics, so that continuously occurring impacts can be reduced and hand injuries can be excluded when pulling in the rope.

## RAPTOR

HSG-040-6-LENGTH, HSG-042-LENGTH, HSG-042-LENGTH-S



- 2 fall indicators for double safety: Ensure unrestricted functionality with a visual check before each use
- Low maintenance costs, since the device can be checked by skilled individuals. Red colour indicates maintenance by an authorised service engineer is required
- Energy-absorbing retraction snubber: protection of the device housing and internal mechanisms from regular impacts, avoidance of hand injuries
- Design with inlet on the underside of the device ensures the direct transfer of forces into the device in the event of a fall
- Anchor point in grip shape allows intuitive use and prevents incorrect attachment
- Suitable for edges without additional shock absorber
- With RAPTOR attached overhead, it's possible to work safely up to an angle of 45° with lateral deflection of up to 1.5 m.



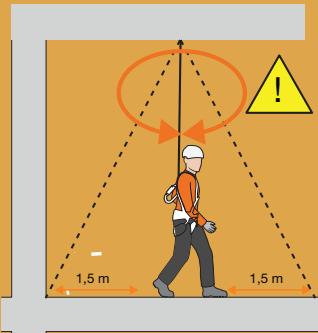
Max. user weight (kg)	140 kg
Self-retractable	✓
Edge-tested	✓ (edge tested for C6, C10, C20)
Modular setup for easy revision	✓
Material of the lanyard	webbing, steel or stainless steel cable
Fall indicator	at device and carabiner
Variants or max. working lengths	Webbing: 6 m   8 m Steel cable: 6 m   10 m   20 m Stainless steel cable with stainless steel SNAP HOOK: 10 m   20 m
Specialties	interchangeable marking, easy storage and modular construction, longer lifetime
Accessories	integrated rubber inlet damper protects housing and hands

The RAPTOR HUB retractable type fall arrester with a 20 m steel cable and automatic blocking function enables safe working at height and depth. RAPTOR HUB is in contrast to the RAPTOR additionally equipped with a rescue lifting device, which can be activated in an emergency and allows a quick rescue. After verification by a competent person, the device is ready for use again after the use of the rescue lifting device, which increases its economic efficiency.



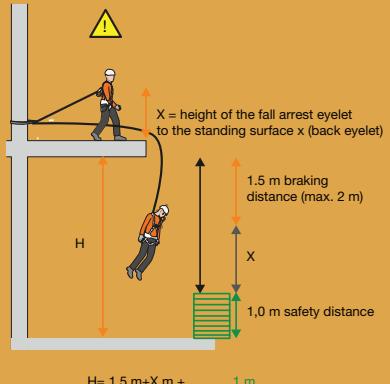
Usable independently or in combination with an individual holder on TRIBOC, JACKPOD TRI and JACKPOD DAVIT, which can remain permanently on the mobile anchor points

## WITH RAPTOR ATTACHED OVERHEAD



With RAPTOR it's possible to work safely with lateral deflection of up to 1.5 m.

## WORKING HEIGHT WHEN USING THE RAPTOR RETRACTABLE FALL ARRESTER FOR HORIZONTAL APPLICATION



$H = 1.5 \text{ m} + x \text{ m} + 1 \text{ m}$

When using the RAPTOR, a minimum working height (H) must be maintained.

# Self-Retracting Lifelines

## HK PLUS

### Self Retracting Lifeline

HK PLUS fall-arrest blocks stand for a high degree of freedom of movement along with a short fall distance, which makes these reliable fall arresters the ideal companions for many jobs at height. The automatic rope retraction ensures that only the rope length actually required is extended. This means that the arrest distance is always as short as possible, whether the system is anchored overhead or applied horizontally.

Features:

- Maximum vertical working weight up to 140kg
- Edge suitability: HK PLUS devices are suitable for edges without using additional energy absorbers, which makes them appropriate for horizontal use as well
- Fall indicator: Carabiner has an integrated color symbol to display a previous fall and indicates that the device needs to be checked
- Resistant materials: Synthetic housing integrates cutting-edge technology for an extended service life



Part number	Max. Service Life	Cable Material	Rated Load	Fall Indicator	Weight	Length
HSG-050-06	10 Years	Steel	140 kg	Yes	3.7 kg	6 m
HSG-050-10	10 Years	Steel	140 kg	Yes	4.1 kg	10 m
HSG-050-15	10 Years	Steel	140 kg	Yes	7.32 kg	15 m

## TUFF-BLOC

### Self Retracting Lifeline

The TUFF-BLOC features an energy absorbing over-mould design suitable for robust environments. This unique housing provides protection to the internal mechanisms and allows for easy storage when stacking.

Features:

- Tough durable housing built for hard knocks.
- Built in fall indicator.
- Ezy-Grip handle providing easy installation when holding up SRL for install.
- Carry/storage clip.



Part number	Max. Service Life	Cable Material	Rated Load	Fall Indicator	Ezy-Grip Handle	Weight	Length
TUFF-BLOC006	5 Years	Galvanized Steel	140 kg	Yes	Yes	4.5 kg	6 m
TUFF-BLOC010	5 Years	Galvanized Steel	140 kg	Yes	Yes	5.6 kg	10 m
TUFF-BLOC015	5 Years	Galvanized Steel	140 kg	Yes	Yes	8.1 kg	15 m
TUFF-BLOC020	5 Years	Galvanized Steel	140 kg	Yes	Yes	10.6 kg	15 m

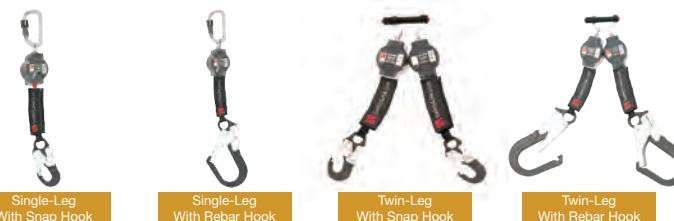
## AERO-BLOC

### Self Retracting Lifeline

Ergonomically designed to be used as a single person fall protection device. The 2m Aero-Bloc's lightweight compact design fits comfortably to the users harness keeping the Aero-Bloc out of the workers way.

Features:

- Lightweight compact unit.
- Clear durable housing for ease of unit inspection.
- External shock pack with durable cover.
- 140kg user rating.



Part number	Type	Material	Rated Load	Fall Indicator	Minimum Breaking Strength	Weight	Length
AEROBLOC2M-SH-KB	Single-Leg With Snap Hook	Webbing	140 kg	Yes	16kN	1.40 kg	2 m
AEROBLOC2M-RH-KB	Single-Leg With Rebar Hook	Webbing	140 kg	Yes	16kN	2.70 kg	2 m
AEROBLOC2M-SH-X2	Twin-Leg With Snap Hook	Webbing	140 kg	Yes	16kN	1.80 kg	2 m
AEROBLOC2M-RH-X2	Twin-Leg With Rebar Hook	Webbing	140 kg	Yes	16kN	3.60 kg	2 m

## PEANUT

### Self Retracting Lifeline

The PEANUT Y is edge-suitable and thus also serves for horizontal securing. The product contains the One-4-All damper and is therefore suitable for a very wide range of user weights from 50 to 135 kilograms. Due to the 2.5 m long arms, the PEANUT Y is ideal for securing in scaffolding. The fastener is available in a variety of karabiner variants (aluminium, steel, etc.). A red indicator shows when the strap has been released and provides additional safety.

Features:

- A weight range from 50kg to 135 kg
- Edge certified
- Suitable for horizontal use applications
- A unique zip lock cover over the shock pack. This allows it to be removed for 100% inspection & maintenance i.e. if the device becomes wet the zip lock cover can be removed & the shock pack laid out to dry, prolonging the life of the product
- The PEANUT devices are certified for anchorage as low as foot level.

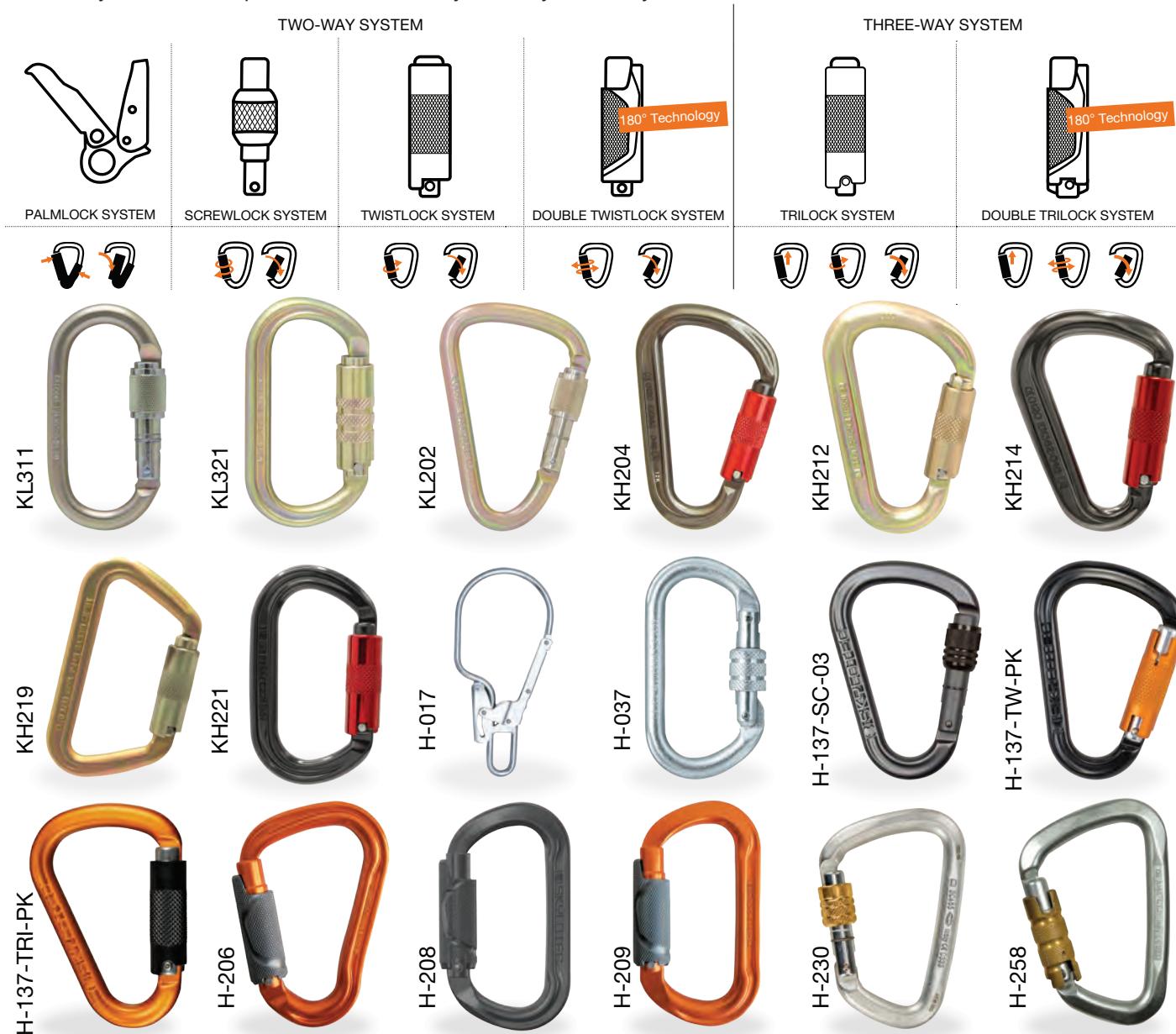


Red indicator shows if the shock absorber had been triggered

Part number	Max. Service Life	Material	Fall Indicator	Maximum User Weight Vertical	Minimum User Weight	Weight	Length
HSG-022-1,8-3	10 Years	Aluminium, Polyamide, Polyester, Steel	Yes	135 kg	50 kg	3.14 kg	1.8 m
HSG-022-2,5-1	10 Years	Aluminium, Polyamide, Polyester, Steel	Yes	135 kg	50 kg	2.86 kg	2.5 m
HSG-022-2,5-3	10 Years	Aluminium, Polyamide, Polyester, Steel	Yes	135 kg	50 kg	3.03 kg	2.5 m

# Carabiners

A carabiner or karabiner is a specialized type of shackle, a metal loop with a spring-loaded gate used to quickly and reversibly connect components, most notably in safety-critical systems.

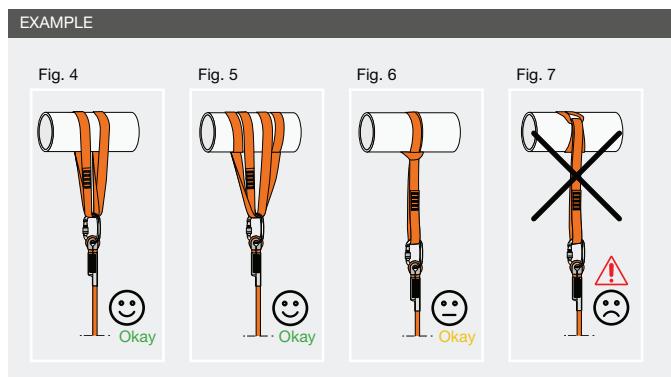
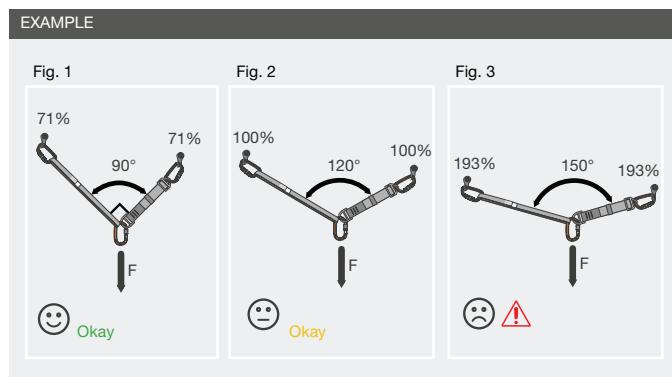


Part number	Dimensions	Material	Gate Opening	Locking Mechanism	Minimum Breaking Strength	Weight	Standards
KL311TL1	110 x 59 x 18mm	Steel	16mm	Screwlock	30kN	121g	EN362
KL321SS1	109 x 61 x 19mm	Steel	17mm	Twistlock	40kN	211g	EN362, ANSI z359.12
KL202SG1	-	Steel	26mm	Screwlock	45kN	250g	EN362
KH204TLB1	-	Aluminium	22mm	Twistlock	27kN	93g	EN 362
KH212TLB1	-	Steel	23mm	Twistlock	50kN	276g	EN 362
KH214SSB1	-	Aluminium	19mm	Trilock	27kN	98g	EN 362
KH219SG1	-	Steel	28mm	Screwlock	70kN	264g	EN 362
KH221SG1	-	Aluminium	19mm	Screwlock	25kN	86g	EN 362
H-017	330 x 153mm	Steel	85 mm	Palm lock	23kN	880g	EN 362
H-037	109 x 57mm	Steel	17 mm	Screwlock	25kN	170g	EN 362, EN 12275
H-137-SC-03-PK	112 x 76,5mm	Aluminium	27 mm	Screwlock	22kN	90g	EN 362, EN 12275
H-137-TW-PK	112 x 76,5mm	Aluminium	27 mm	Twistlock	22kN	100g	EN 362, EN 12275
H-137-TRI-PK	112 x 76,5mm	Aluminium	27 mm	Trilock	22kN	100g	EN 362, EN 12275
H-206	110 x 72mm	Aluminium	24 mm	Double Trilock	25kN	80g	EN 362, EN 12275
H-208	113 x 64mm	Aluminium	20 mm	Double Twistlock	25kN	80g	EN 362, EN 12275
H-209	113 x 64mm	Aluminium	20 mm	Double Trilock	25kN	80g	EN 362, EN 12275
H-230	116 x 79mm	Aluminium	25 mm	Screwlock	50kN	253g	EN 362
H-258	116x79mm	Aluminium	25 mm	Trilock	50kN	260g	EN 362

# Anchors

All systems and PPE's to safeguard against falling from a height need to be connected to secure anchor points. The choice of the type of anchor and its positioning is one of the most difficult aspects of working at height and the operator's safety depends on it. Anchors are generally divided into two types:

- **Mobile:** There are removable anchors positioned by the operator (webbings, struts, tripods, anchor weights etc.). These anchors must comply with standard EN 795 and, as a consequence, must be able to withstand 12 kN
- **Structural:** Permanent anchors positioned by a competent installer (expansion bolts, glue-in bolts, etc.) or made using parts of the building or structure where the work is taking place (wooden beams, beams, pillars)



## Mobile Anchoring Device



The BEAMTAC 2.0 mobile anchoring device is suitable for use as an attachment clamp for steel beams with a flange width of 90 to 380 millimetres and can be used for many different kinds of work in an industrial environment. The successor to the popular BEAMTAC is impressive thanks to its ergonomically optimised operating elements and safety benefits. The easily adjustable clamping jaws ensure rapid and simple attachment to steel beams, whilst the multi-level safety system reliably prevents any unwanted movement or slipping during use. BEAMTAC 2.0 - essential for work in steel and industrial construction, as well as for all other types of plants with a suitable structure (steel beams).

### Features:

Suitable for use as an attachment clamp for steel beams  
Ergonomically optimised operating elements and safety benefits  
Easily adjustable clamping jaws ensure rapid and simple attachment to steel beam

### Specification:

Weight	Size	Material	Standards
2.16 kg	490 x 75 x 109mm	Aluminium	ANSI/ASSE Z359.18, EN 795



JAMBTAC Mobile Door Truss. Mobile anchoring point for all door widths from 600 to 1,100 mm. The adjustable mobile door truss made of aluminium is very light and can be easily adapted to different door widths. Rounded profile edges and plastic caps at the ends reduce the wear of material, the risk of injuries for the user and prevent the door posts from being scratched. JAMBTAC can be used simultaneously by up to two persons.

### Features:

Adjustable mobile door truss  
Rounded profile edges and plastic caps at the ends  
Can be used simultaneously by up to two persons.

### Specification:

Weight	Size	Material	Standards
7.58 kg	1400 mm	Aluminium	EN 795

## Sling | Loop

### WEB ANKOR

Adjustable multi-use tape anchor, ideal for constructing high-strength anchor around a structural element.

**Features:**  
Made of reinforced, abrasion-resistant 45 mm tape;  
Halvanised steel end rings;  
Breaking load 35 kN.

### Specification:

Breaking load 35 kN	Width 45 mm	Material PA	Standards EN 354, EN 795
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### LOOP 26 KN

Belt sling with a load capacity of 26kN. Different lengths have different colours so that they can be easily distinguished. Is used in the rope access and rescue sector.

**Features:**  
Load capacity of 26kN  
Different lengths in different colours  
Rope access technology and rescues

### Specification:

Breaking load 26 kN	Length 1 m, 1.5 m, 2 m	Material PA	Standards EN 354, EN 795
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### CIPE

An innovative weaving procedure allows CIPE slings to be made without splices or seams. This not only prevents weak points, it makes handling much easier.



### Specification:

Breaking load 22 kN	Length 0.6 m, 1.2 m	Material Polyester	Standards ANSI Z359.18, EN 354, EN 795
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### ANCHOR CABLE 8mm

The ANCHOR CABLE steel cable is ideal for setting up heavy-duty anchorage devices around structural elements and in the strand. It is made of galvanised steel cable (8 mm) and is cut and abrasion resistant. A transparent plastic protective cover protects against wear during use.



### Specification:

Breaking load 37.60 kN	Length 1 m	Material Steel	Standards ANSI Z359.18, EN 354, EN 795
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# Pulleys, Rope Clamps



**D5**  
RP885



The D5™ is a double-stop device with an auto-lock function (which is activated whenever the operator lets go of the handle) and a panic brake which is not overly sensitive in normal use.

**RAD**  
RP815/KT815



The RAD 'Rope Adjustment Device' is a multi-functional device which can be used as part of a work-positioning lanyard. The RAD can also be used for ascent, descent, work-positioning/restraint, belay and progress capture.

**ROPEGRAP**  
RP204



This fixed-axle ropegrab is certified to EN567. ISC Ropegrabs have a nonaggressive cam-face design which helps prevent rope wear.

**ASCENDER SIMPLE+**  
H-330



Multi-use light-alloy right-hand rope ascender for climbing ropes or as a clamp for hauling/rescue.

**D4**  
RP880



The D4™ is a double-stop device with an auto-lock function (which is activated whenever the operator lets go of the handle) and a panic brake which is not overly sensitive in normal use.

**A-B**  
RP810



The A-B Descender is fitted with an extended, spring loaded, flip-down handle, which gives extra leverage, when a fine degree of descent control is required. The flip-down handle is of particular use for extra control of a rescue load.

**ROPEGRAP**  
RP205



The RP205 Ropegrab is fitted with a pip-pin axle, making it quick and easy to attach/detach mid-line. A thumb operated push-button is used to disengage the Pip-pin mechanism.

**CHEST ASCENDER+**  
H-259



Light alloy right-hand chest ascender for climbing up ropes. Equipped with an ascender that can lock on the rope and reduces wear.

**D2**  
KT860



The KT860 D2 is an innovative 'double-stop' Descender. The 'double-stop' function means that the D2 Descender has a sweet spot in which the descent speed can easily be

**MARK 1 PLUS**  
A-031



The abseil device MARK 1 PLUS is a double stop descender with a panic feature.

**RED BACKUP**  
RP892



The RED's cams have a positively locking spring, which means that the device is self-parking rather than self-tailing. This is important for Rope Access work techniques as they require the back-up device to be positioned so as to reduce fall factors to a

**CHEST ASCENDER+ HC**  
H-329



Light alloy right-hand chest ascender for climbing up ropes. Made with special anti-wear finish, ideal for intensive and prolonged use.

# Pulleys, Rope Clamps

## QUICK UP+

H-327 / H-328



Left or right-hand light alloy ascender handle with ergonomic rubber grip for climbing ropes.

## QUICK STEP-A

H-226 / H-227



Light alloy right-hand chest ascender for climbing up ropes. Equipped with an ascender that can lock on the rope and reduces wear.

## QUICK TREE

H-331 / H-332



Removable ascender for the right or left foot, when used in conjunction with an ascender handle or a chest ascender, makes it easier and speeds up the ascent of a rope. Ideal for tree climbing and working at height

## ULTRASAFE

RP230/RP240



The Ultrasafe Hand Ascender is fitted with a pin to limit the range movement of the cam in order to prevent the rope from being accidentally pulled out between the cam and the body.

## PROFESSIONAL

RP210/RP220



The Hand Ascenders are fitted with Stainless Steel cams with cones (rather than spikes), to minimise rope wear.

## CHEST

H-058



An ascender that attaches at the chest. Moves with the user and provides good protection in the event of a fall.

## QT UNIVERSAL

H-333



Universal fixing support for QUICK TREE foot ascenders that can be installed onto any boot by using the webbing system with the adjustment buckle.

## QT SPURS

H-334



Special fixing support for QUICK TREE that has been designed to be installed onto any tree climbing crampons.

## UP ROLL

H-273



Double pulley, designed for the creation of an auto-blocking rescue winch in combination with the UP LOCK pulley.

## UP LOCK

H-267



Double locking pulley, designed for the creation of an auto-blocking rescue winch in combination with the UP ROLL pulley.

## ORBITER A

H-271



Innovative pulley with mobile light alloy side plates. Designed to increase the efficiency of the friction knot.

## ORBITER F

H-269



Pulley with fixed side plates that allow the insertion of any carabiner. Designed for hauling systems and deviations.

## OTTO R S-STEEL

A-062



Large-sized figure of eight descender, made of hot forged stainless steel and ideal for belaying the leader in a dynamic way and for abseiling.

## Figure 8

RP101



The Rescue figure 8 devices have extended side bars to keep the rope in place, preventing the rope from creeping inwards and causing unwanted locking.

## Figure 8

RP110



The Figure 8 Descender is our small standard descender. Made out of lightweight aluminium with an anodised finish, It is suitable for Rope Access and Industrial Height Safety.

# Pulleys, Rope Clamps

**ORBITER M**  
H-270



Pulley with mobile side plates that allow the insertion of any carabiner. Designed for hauling systems and deviations.

**ORBITER T**  
H-276



Double pulley with mobile side plates. Up to three carabiners can be hooked in the large eyelet plus one carabiner in the smaller eyelet.

**EASY RESCUE**  
H-278



Combined anchor and pulley for evacuation from cable cars and chair lifts. Upper attachment point that allows to slide along the cable without any interference from the rope.

**GRIZZLY**  
H-279



Pulley for tree felling for high loads (80 kN). Equipped with an intuitif opening system and a closure mechanism that avoids accidental opening during use. Not a PPE.

**RIGGING PLATE Mini**  
H-085



The RIGGING PLATE Mini is our compact solution for maintaining good belay and stance organisation. Rigging plates are ideal more complex rigging configurations.

**ORBITER S**  
H-274



Pulley with mobile side plates that allow the insertion of any carabiner. Designed for hauling systems and deviations.

**ORBITER H**  
H-277



Triple pulley with mobile side plates, very versatile and robust. Ideal for constructing rescue winches with 6x reduction factor or in multiple pulley systems.

**POLLUX**  
H-200



Pulley with two ball bearings, movable side parts and three eyelets for versatile use under heavy loads.

**TWISTER**  
H-255



Hot forged light alloy ball bearing swivel, ideal for avoiding rope twisting during load hauling.

**CHEESE PLATE S**  
H-260



Multi-anchor plate made of hot forged light alloy with 3 lower holes. Upper central hole suitable for insertion of up to 3 carabiners.

**ORBITER D**  
H-275



Pulley with mobile side plates that allow the insertion of any carabiner. Presents an auxiliary attachment point for creating different hauling systems.

**DUETTO**  
H-264



Twin pulley with fixes side plates that allows easy maneuvering on ropes or cables.

**CASTOR**  
H-201



Pulley with two ball bearings, movable side parts and three eyelets for versatile use under heavy loads.

**TWIRL**  
H-256



Hot forged light alloy ball bearing swivel, ideal for avoiding rope twisting during load hauling.

**CHEESE PLATE L**  
H-261



Multi-anchor plate made of hot forged light alloy with 5 lower holes. Upper central hole suitable for insertion of up to 3 carabiners.

# Descenders & Rescue Devices

## SELECTION GUIDE



for manual descent



for automatic speed control  
to store at or carry to operation site



for automatic speed control  
personal rescue device to go

SIRIUS

MILAN 2.0

MILAN 2.0 POWER

DEUS ONE

SPARK

rescue down

rescue up and down

abseiling and self-evacuating

SPARROW 200R

LORY PRO

descending and rigging-up

### SIRIUS

SIRIUS packs the advantages of the best descenders for industrial and rescue applications into an extremely compact design - for better handling and long service life. SIRIUS lies perfectly in your hand. The auto-returning operating lever has a particularly small radius of motion so that you can work fast, accurately, more comfortably and safely. During rope insertion, which is intuitive and simple, the carabiner on the harness can stay connected to the device. We designed the route of the rope in such a way that it is protected from twisting and kinking, and from excessive wear and tear.

SIRIUS was developed for extended use under the toughest of conditions. That's why it is made of up to 100 % metal - without any vulnerable synthetic spots.

- outstanding handling thanks to compact design and intuitive route of the rope
- long-lasting and sturdy: 100% metal
- auto-locking function, improved anti-panic-function



Standards	ANSI/ASSP Z359.9, EN 12841-C, EN 15151-1, EN 341-2A, NFPA 2500
Weight	0.51 kg
Material	Aluminium, Steel
Dimension	47x79x175mm
Maximum Abseil Speed	2.00 m/s
Rope Diameter	9 - 12 mm
Maximum Load 1 Persons	141.00 kg
Maximum Load 2 Persons	250.00 kg
Maximum Lifetime	30 years

### SIRIUS

SPARK is designed for permanent use in the toughest conditions. The product combines the advantages of the best descenders for industrial and rescue use. SPARK is characterised in particular by its design without antipanic function, which enables fast, precise and uninterrupted abseiling.

Intuitive and simple rope handling, while the carabiner on the harness can remain connected to the device, the well thought-out ergonomics and the precise operation of the lever allow for the best handling. Thanks to the sophisticated rope guide inside the device, the rope is protected against twisting and kinking as well as heavy wear.

- Fast, precise, uninterrupted abseiling without anti-panic-function
- Outstanding handling thanks to compact, ergonomic design and intuitive rope guide
- Durable and robust: 100% metal without vulnerable plastic parts



Standards	EN 12841-C, EN 15151-1, EN 341-2A, NFPA 2500
Weight	0.51 kg
Material	Aluminium, Steel
Dimension	47x79x175mm
Maximum Abseil Speed	2.00 m/s
Rope Diameter	9 - 12 mm
Maximum Load 1 Persons	141.00 kg
Maximum Load 2 Persons	250.00 kg
Maximum Lifetime	30 years

### Lory PRO

LORY is a robust descender and belay device. Its various application areas make the LORY your reliable companion for rope access and rescue (abseiling up to 225 kg load). LORY is used for work positioning, as a restraining device at roofs or slab edges, as a temporary anchor or for fall arrest in flexible cable systems.

LORY PRO can also be used for work positioning, as a restraining device at roofs or slab edges, as a temporary anchor or for fall arrest in flexible cable systems.

With LORY PRO, the belaying person can easily feed and take rope. When using the device correctly, it locks automatically if the user was to take a fall.

The LORY PRO, with its unimpeded movement of the cam is the ideal device for industrial purposes. It is equipped with a descent handle that ensures secure and controlled abseiling.

The double-stop function blocks if the handle is pulled overly in panic and provides extra safety



Standards	ANSI/ASSP Z359.3, ANSI/ASSP Z359.9, EN 12841-C, EN 341-2A, EN 795/B, MEETS CSA Z259.11-17 CLASS F
Weight	0.48 kg
Material	Aluminium
Abseiling Height	190 m
Rope Diameter	10 - 12 mm
Maximum Load 1 Persons	141.00 kg
Maximum Rated Load	225.00 kg
Maximum Lifetime	30 years

# Descenders & Rescue Devices

## SPARROW 200R

Self-braking descender for rope work has been developed for high workloads. It allows the operator to lower themselves on the working line, to position themselves on the working line and to ascend the same rope. It is ideal in the event of assisted lowering of two people with the device installed at the anchor (the operator lowers the rescuer and the person being rescued) or for simultaneous lowering of two people (rescuer lowers themselves with the injured person).



Standards EN 12841-C, EN 341

Weight 0.53 kg

Material Aluminium

Dimension 87 x 179 mm

Maximum Abseil Speed 2.00 m/s

Rope Diameter 10.5 - 11 mm

Maximum Load 210.00 kg

Maximum Load 2 Persons 200.00 kg

Maximum Lifetime 12 years

Standards ANSI Z359.4, EN 341

Weight 4.42kg | 5.47kg | 7.91kg | 9.41kg

Material Polyamide, Stainless Steel

Dimension 65 m | 100 m | 160 m | 200 m

Maximum Abseil Speed 0.50 m/s

Rope Diameter 5.9 mm

Maximum Load 140.00 kg

Maximum Load 1 Persons 140.00 kg

Maximum Lifetime 15 years



Standards ANSI Z359.4, DIN EN 1496-A, DIN EN 341-1A, MEETS CSA Z259.2.3-1B

Weight 3.14 kg

Material Aluminium, Polyamide, Steel

Dimension 87 x 179 mm

Maximum Abseil Speed 0.90 m/s

Rope Diameter 9 mm

Maximum Load 1 Persons 141.00 kg

Maximum Load 2 Persons 280.00 kg

Maximum Lifetime 30 years



Standards EN 564

Weight 0.64 kg | 0.85 kg | 1.50 kg

Material Aluminium, Polyamide

Dimension 1 m | 2 m | 5 m

Maximum Abseil Speed 2.00 m/s

Rope Diameter 8 mm

Maximum Load 4 kN

Efficiency 80 %

Maximum Lifetime 12 years



Standards EN 12278, EN567

Weight 575 g

Material Aluminium

Dimension Maximum 1.05 m

Rated Load 140kg

Rope Diameter 6 mm

Minimum Breaking Strength 16 kN



## UP YOU GO

Compact and ready to use. Anti-twisting. Ideal for limited manoeuvring spaces. Auto-locking recovery hoist ideal for use in rescue manoeuvres. Developed for lifting and releasing an injured operator or to tension a system.

- CE-marked and tested with a load of 18 kN for 3 minutes
- It prevents the load from slipping back once has been retrieved, making hauling operations smoother and faster
- Comprised pulleys equipped with sheaves mounted on ball bearings
- Drawstring closure that further expedites setting up the equipment
- Equipped with rope guide (patent pending), installed on the lower pulley, that keeps rope strands parallel and reduces the risk of tangling while in use
- Supplied with two oval OVX TG carabiners with triplex gate and anti-rotation elements
- Spare parts are available (ROPE GUIDE, BAG, FIXBAR, FIX-O)

## HAULERBINER

The HaulerBiner Rescue is a compact kit, which can be worn on the harness and used for Pick-off Rescue in work at height and rope access rescues. The HaulerBiner can also be used to easily adjust the orientation of a stretcher and can be used for short-haul tensioning.

The HaulerBiner device has a theoretical mechanical advantage of either 6:1 or 7:1, depending on the orientation the device is used in.

The pulley wheels are mounted in the body of the Karabiner, keeping them clear of the anti-tangle mesh outer, preventing it from jamming the wheels). Due to the in-Karabiner wheel mounting, the HaulerBiner kit is very compact when fully contracted, giving maximum haul height.

# Descenders & Rescue Devices

## SELECTION GUIDE



### Power Ascenders

#### ACX

Heavy Industry  
e.g. Wind Energy, Mining,  
Power Advanced BM

#### ICX

Professional, Light Prof., DIY  
e.g. Rope Access, Confined  
Space Entry, Scaffolding,  
Garden, Arborist

#### RCX

Rescue  
e.g. Fire department  
Helicopter  
Paramilitary  
Mountain Rescue

#### PMX

Remote areas without  
power supply  
e.g. Wind Energy, Mining,  
Power Advanced BM



ASCENDER INFO	ACTSAFE ACX POWER ASCENDER	ACTSAFE ICX POWER ASCENDER	ACTSAFE RCX RESCUE ASCENDER	ACTSAFE PMX POWER ASCENDER
MORE POWER				
Working load limit	220 kg	185 kg	250 kg	250 kg
Rope diameter	11 mm	11 mm	6-11 mm	11 mm
Range (with 100 kg load, one battery or one tank of fuel)	600 m *	230 m	600 m **	750 m
Water/ Dust resistance	IP55	IP55	IP67	✗
Max. number of persons	2	1	2	2
Ascent Speed (with 100 kg load)	0-24 m/min	0-24 m/min	0-24 m/min	0-17 m/min
Max. Motor volume	76 dB	73 dB	76 dB	89 dB
Remote control range	150 m	50 m	150m	N/A
Compatible with AC power supply (POA-004)	✓	✗	✓	✗

\* Performances with the usage of the high-capacity-battery (POA-039)

### ACTSAFE ACX

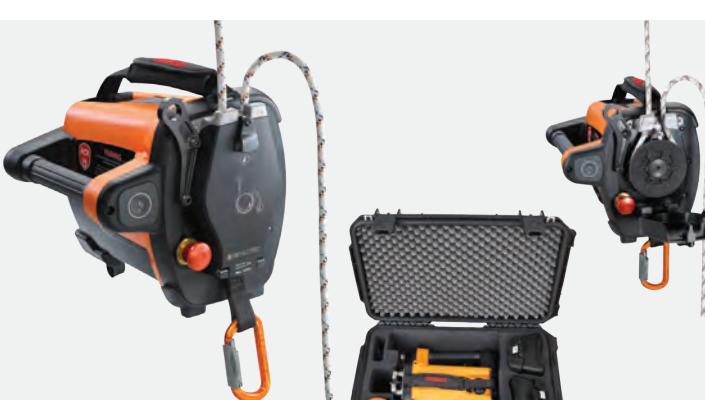
The ACX battery-powered hoist is a motorised system to ensure the transport of persons or loads to areas that are difficult to access and where occasional or recurring work is carried out. ACX is used, among other things, for cleaning facades or windows, for the maintenance of complex building structures, for the rotor blade maintenance of wind turbines or for transporting loads on masts. The ACX POWER ASCENDER considerably simplifies and accelerates work on complex structures and makes expensive access systems or lifting platforms superfluous. Countless rescue scenarios can also be carried out efficiently and with minimum effort with the ACX.

ACX forms a highly flexible system for easy and cost-efficient cleaning or maintenance. In an emergency, the ACX can be controlled by remote control.

The operation and use of the ACX can be learned in special training courses.

#### Features:

- Lightweight, portable device due to a durable carry handle
- Fast rope setup with semi-static rope (SUPER STATIC 11.0)
- Easy operation via bi-directional throttle
- Easy-to-fit and rapidly charged battery with intelligent electronic management system and LED indicator
- Self-locking integrated rope grab system
- Suitable for 11mm ropes



POA-039  
ActSafe high capacity battery  
for ACX



POA-003  
Bluetooth remote control with a  
range of up to 150 metres

# Descenders & Rescue Devices

## ACTSAFE ICX

The ultralight, compact entry-level ActSafe ICX power ascender has been developed for a safe and efficient transport of persons in hard-to-reach areas.

Paired with a 11 mm rope, the ActSafe ICX forms an incredibly flexible system for the straightforward and cost-efficient cleaning and maintenance of complex structures. Its intuitive operation is effortlessly managed with a thumb wheel, enabling precise work. Equipped with a high-performance „Husqvarna“ battery, the hoist achieves an ascent speed of 24 m/min. The maximum battery range is 230 m with a 100 kg load and at a temperature of 20°C. Thanks to its IP55 rating, the ActSafe ICX can be used in all weather conditions. Rope loading is straightforward, streamlining your workflow and saving valuable time. Additionally, the control of the ActSafe ICX can be taken over by a second person on the ground using a remote control. This allows for the automatic ascent or descent of the individual operating the device, in case they are unable to do so themselves. Operating and utilizing the ActSafe ICX is quickly and easily learned through user training.

Features:

- Ultralight, compact personal power ascender
- Fast and secure rope loading
- Easy control with an intuitively operated thumb wheel or remote control



POA-033  
Remote control with a range of up to 50 metres



## ACTSAFE RCX

The battery-powered ActSafe RCX rope hoist is a motorised system to ensure the transport of persons or loads to hard-to-reach areas where occasional or repetitive work is carried out. The ActSafe RCX rope winch has been specially developed for effortless and efficient rescue operations. The main users are search and rescue (SAR) teams from the fire brigade, disaster relief or emergency services. The innovative device is compact, lightweight and complies with protection class IP67 (dustproof and waterproof). It is equipped with replaceable and rechargeable batteries and a remote control with a range of up to 150 metres. The ActSafe RCX is perfectly suited for ropes with different diameters and is therefore flexible and quickly ready for use. The device is certified for a user weight up to 250 kg.

Features:

- Simplifies and accelerates work during rescue operations
- 0-24 m/min at 250 kg, IP67 standard
- Variable rope grab system: 6-11 mm



POA-003  
ActSafe high capacity battery for ACX



POA-003  
Bluetooth remote control with a range of up to 150 metres

## ACTSAFE ACX

The ActSafe PMX rope hoist is a system to ensure the transport of persons or loads to areas that are difficult to access and where occasional or recurring work is carried out. The petrol-powered ActSafe PMX has its uniqueness in the combination of strength and the small portable size. Weighing only 13 kg and with at least 700 metres of rope-travelling on one tank of fuel, this is the tool that will take you through the hard, dirty jobs where you need to be able to rely on your equipment. The features of this petrol rope hoist include an enclosed rope grab system, and a left-hand-operated throttle. The descent lever is easy to operate for going down the rope, and the whole sturdiness of this Power Ascender makes it perfect for a never-ending list of lifting operations. Delivered in a rugged transportation box with wheels.

Features:

- For use in dirty working environments
- Working Load Limit (WLL) of 250kg
- 17 m / min at 100 kg
- Suitable for 11mm ropes



## ACTSAFE EQUIPMENT LIFTING ROPE R-143-LENGTH



11 mm static rope for lifting loads only with ActSafe winches

## ACX/RCX CABLE POWER SUPPLY POA-005



Interface cable between the Power Supply POA-004 and the ACX/RCX power ascender

## ACX PROTECTIVE COVER CORDURA POA-023



Twin pulley with fixes side plates that allows easy maneuvering on ropes or cables.

## POWER SUPPLY POA-004



Suitable for use with ACX and RCX power ascenders. Allows the power ascender to be connected to 230V AC supply.

## ACCII CABLE POWER SUPPLY POA-056



Interface cable between the Power Supply POA-004 and the ACCII power ascender

## SUPER STATIC 11.0 L-0531



The semi-static rope SUPER STATIC 11.0 is designed for high loads in working at height as well as for rescue operations

# Descenders & Rescue Devices



## MINI PULLEY SYSTEM

Lightweight, compact and comfortable: SKYLOTEC offers an innovative new 6:1 Mini Pulley System. This ultra-light system with a ratio of 6:1 makes for easy lifting and a rope lock secures the load. The Mini Pulley System is a compact pre-rigged rescue and hauling system often referred to as a "Casualty Pulley System", "Haul Track" or a "Pig Rig". Possible applications include the raising or lowering of casualties, the tensioning of systems such as Tyrolean or tension lines and lifting light loads such as hand tools and other equipment. Mini Pulley Systems can be applicable to all sectors of work at height and rescue. It is not limited to confined or restricted access locations or tall structures. The set includes 23 metres of robust SKYLOTEC micro-rope with an operating length of just under 4 metres, two trilock DOUBLE carabiners and a compact carry bag for easy storage and transportation.

Part number: SET-337-23  
Weight: 0.95 kg  
Length: 4 m  
Rated load: 150 kg



## GORDON

GORDON is the all-rounder among fall arrest blocks. Its low weight and robustness are impressive features. This offers great advantages especially when working at height: the devices can be combined with various certified textile ropes which can be easily interchanged by the user. GORDON offers an endless variety of potential uses: It can be used solely as a fall arrester, and in the GORDON RESCUE version as a fall arrester and lead climbing belay device.

GORDON RESCUE can also be used in combination with other hardware as a self-locking pulley system. GORDON RESCUE is suitable for entry, lead climbing and for belaying during rescues. Its compact dimensions and milled aluminium housing make it slimline, lightweight and easy to handle. The device can be equipped with rope of any length and used in both directions. GORDON stops falls. Thanks to a built-in gauge and distinct lasermarkings wear inspection is very simple.

### Pulley systems



GORDON PULLEY SYSTEM 1:3  
A-120-3+ L-0741-Length (R-064)  
Semi-static rope 10.5 mm  
Sewn eyelets  
rope length corresponds to lifting height times 3



GORDON PULLEY SYSTEM 1:4  
A-120-3+ L-0741-Length (R-064)  
Semi-static rope 10.5 mm  
Sewn eyelets  
rope length corresponds to lifting height times 4



GORDON PULLEY SYSTEM 1:5  
A-120-3+ L-0741-Length (R-064)  
Semi-static rope 10.5 mm  
Sewn eyelets  
rope length corresponds to lifting height times 5

### Pre-configured devices

These GORDON configurations are very well suited for a safe descent or controlled abseiling, for example, in high rope courses or other environments where fall arrest devices with long rope lengths over 20 meters are needed.

These GORDON configurations are particularly useful as fall arrest devices for ascents as well as for descents in high ropes courses or for use in confined spaces, as endless rope movement in both directions is possible. Using a pulley (such as STANDARD ROLL) on the ground is recommended.



HSG-020  
+ L-0741-Length (R-064)  
Semi-static rope 10.5 mm  
Sewn eyelets



HSG-020-R  
+ L-0741-Length (R-064)  
Semi-static rope 10.5 mm  
Sewn eyelets



HSG-020  
+ L-0743-Length (R-064)  
Semi-static rope 10.5 mm  
Sewn eyelets, 1 rings



HSG-020  
+ L-0744-Length (R-064)  
Semi-static rope 10.5 mm  
Sewn eyelets, 2 rings

### Basic Device



HSG-020  
GORDON



HSG-020-R  
GORDON RESCUE

# Descenders & Rescue Devices



## CONREST KIT

- Clear colour system of buckles for intuitive and quick handling
- Adjustable straps for different sizes
- Hand fixation
- Padded straps for comfort
- Adjustable head fixation

Solid sliding plate guarantees stability during movement

### FOOT COVER

The foot cover enables the injured person's legs to be secured if necessary.

The CONREST rescue stretcher allows the rapid rescue of accident victims from hard-to-reach and confined spaces. The short design secures the patient's head, spine, pelvis and arms thanks to a particularly thick and stabilising belt strap construction. With its many grips, CONREST offers rescuers and emergency crews numerous options for moving accident victims out of the danger zone. Special attachments can also be secured to the carrying loops. These can be linked to a mobile attachment system that allows accident victims to be rescued from a sewer shaft, for example. A clear colour system ensures rapid handling: all of the attachment points are marked in orange. CONREST has a stable and solid skid plate that ensures the safe movement of the patient over edges or obstacles. A leg pouch, which when required can also be used to secure the feet, also comes as part of the standard equipment.

Part number: SAN-9100-02

Standards: EN 1497:2007

Weight: 9.50 kg

Dimension: 1020 x 240 x 80 mm

Rated load: 150 kg

Material: Polyester



## SAN-9000

### Ultra Basket Stretcher

The ultraROLLTRETCHER, rollable carrier system, is particularly suitable for rescue in areas, which are difficult to access, in confined spaces, shafts and for mountain rescue. The rollstretcher can be used horizontally, angularly and vertical. Thanks to its tube-like form is it characterized by its exceptional stability. The patient is additionally protected by stabilizing elements in the shoulder, thorax, pelvic and spinal areas. The big advantage of the product is this low weight and small storage size on the way to rescue mission, simple and fast assembly on site, flexible and variable handling.

- Size: 2000 x 600 x 300mm
- Weight: 7.3 kg



## SAN-9001

### UltraRoll Stretcher Military

The ultraROLLTRETCHER, rollable carrier system, is particularly suitable for rescue in areas, which are difficult to access, in confined spaces, shafts and for mountain rescue. The rollstretcher can be used horizontally, angularly and vertical. Thanks to its tube-like form is it characterized by its exceptional stability. The patient is additionally protected by stabilizing elements in the shoulder, thorax, pelvic and spinal areas. The big advantage of the product is this low weight and small storage size on the way to rescue mission, simple and fast assembly on site, flexible and variable handling. The rollstretcher is approved for use by specific German Federal Armed Force helicopters (Bell UH-1D / NH90 / Sea King Mk. 41). Included in the delivery contents: 1 compact waterproof backpack carrier, 8 padded handles, 4 retainer belts with COBRA-Lock-System, 2 adjustable foot straps

- Size: Unisize
- Weight: 7.3 kg



## SAN-0087-1

### Ultra Basket Stretcher

- Size: 2178 x 618 x 189mm
- Rated load: 315 kg
- Max Service Life: 12 Years
- Weight: 14 kg
- Material: Polypropylene



## SAN-0087-2

### Ultra Basket Stretcher

- Size: 2200 x 650 x 200 mm
- Rated load: 315 kg
- Max Service Life: 12 Years
- Weight: 12 kg
- Material: Polypropylene



## SAN-0086

### ultraBRIDLES

- Max. number of persons: 1
- Size: 1600mm
- Weight: 2,58 kg
- Material: Polyester, Aluminium, Steel



## SAN-0097-P

### ultraFLEX PRO

- Max. number of persons: 1
- Maximum lifetime: 10 years
- Weight: 2.8 kg
- Material: Aluminium, Polyamide, Polyester, Stainless Steel

# Descenders & Rescue Devices



## JACKPOD TRI

Flexible fall prevention for working in confined spaces is now easier than ever with the tripod systems. The portable and stepwise adjustable systems require only a small working base area and are easy to transport and store thanks to their low weight and volume. High-quality finished aluminium and galvanised steel offer high ageing resistance. In two versions, the JACKPOD TRI covers the areas of the vertical entry with a variable height adjustment from 1.2 to incredible 3.1 meters. Even very wide entries can be covered. When using a winch, for example the JACKPOD WINCH 1, the retention function of a person is already in place and a descent into deeper work environments is no longer a risk.

### JACKPOD TRI 1

JP-011-1

Tripod, small  
With 1 deflection pulley  
• Weight: 16.7 kg  
• Material: Aluminium, Steel  
• Standard: EN 795



### JACKPOD TRI 2

JP-011-2

Tripod, tall  
With 3 deflection pulleys  
• Weight: 23.8 kg  
• Material: Aluminium, Steel  
• Standard: EN 795



## TRIBOC

The TRIBOC is a multifunctional power package on three legs. It is ideal for lifting loads, as well as for securing, recovering and rescuing people. The tripod is easy to use and provides complete safety.

- The TRIBOC can be used with a material load of up to 500 kg (secured with chains).
- The legs can be set in 8 different ways.
- The standard steel head offers three additional anchoring points for material loads of up to 200 kg.
- The modular system means that hoisting and fall arrest devices can easily be taken out and transported separately.

### TRIBOC

AP-004

• Weight: 23.49 kg  
• Material: Aluminium, Steel  
• Standard: EN 795



### TRIBOC T WIND

ACS-0036-15-T

• Material: Steel  
• Size: 15 m  
• Weight: 11.9 kg



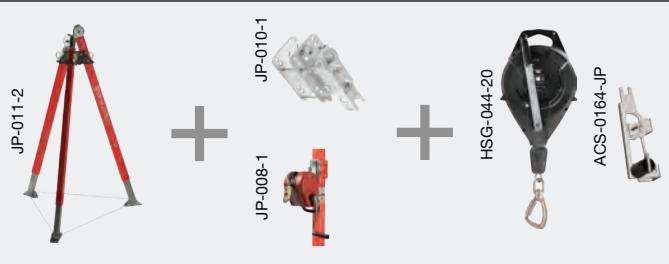
### TRIBOC BAG

ACS-0013

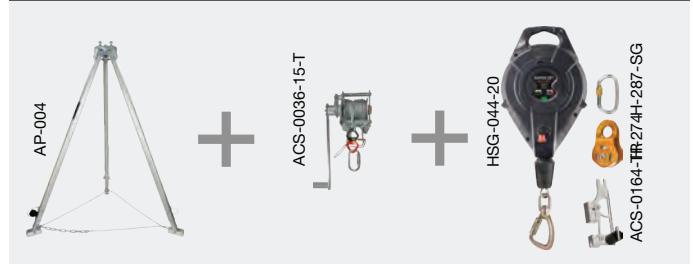
• Material: Polyester  
• Size: 1750 mm  
• Weight: 0.91 kg



JP-011-2 + JP-008-1 + JP-010-1 + HSG-044-20 + ACS-0164-JPD = KIT



AP-004 + ACS-0036-15-T + HSG-044-20 + ACS-0164-TR + H-274 + H-287-SG = KIT



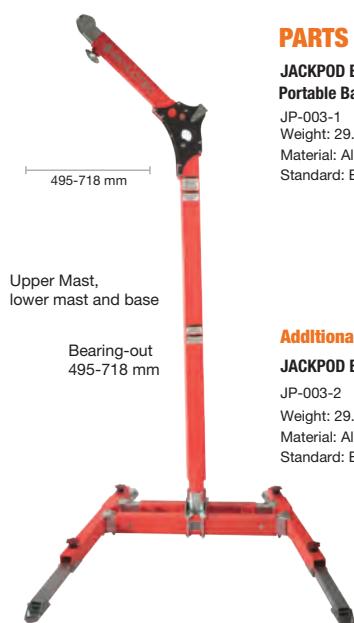
# Descenders & Rescue Devices

## JACKPOD DAVIT SET

Flexible fall prevention for working in confined spaces is now easier than ever with the new JACKPOD davit arm and tripod systems. The portable and stepwise adjustable systems require only a small working base area and are easy to transport and store thanks to their low weight and volume. High-quality finished aluminium and galvanised steel offer high ageing resistance. JACKPOD TRI is suitable for vertical, JACKPOD DAVIT for horizontal and vertical entrances. Both systems are certified as anchoring points according to EN 795, Class B with a max. load capacity of 280 kg (for up to 2 persons with a weight of 140 kg each) and can be combined with winches and fall arrester devices.

The swivelling JACKPOD DAVIT SETS can be used vertically. With a few additional elements the system is also attachable to walls, tanks or other entrances.

A simple plug-in mechanism allows quick and purposeful installation.



## PARTS

### JACKPOD BASE PORTABLE

Portable Base

JP-003-1

Weight: 29.1 kg

Material: Aluminium, Steel

Standard: EN 795



### JACKPOD DAVIT UM

Upper Mast

JP-002-1 | 1016 mm

JP-002-2 | 1320 mm

Weight: 9.5 kg | 11.4 kg

Material: Aluminium, Steel

Standard: EN 795



### JACKPOD DAVIT LM

Lower Mast

JP-001-1 | 1170-1400 mm

JP-001-2 | 1475-1695 mm

Weight: 5.4 kg | 7.3 kg

Material: Aluminium, Steel

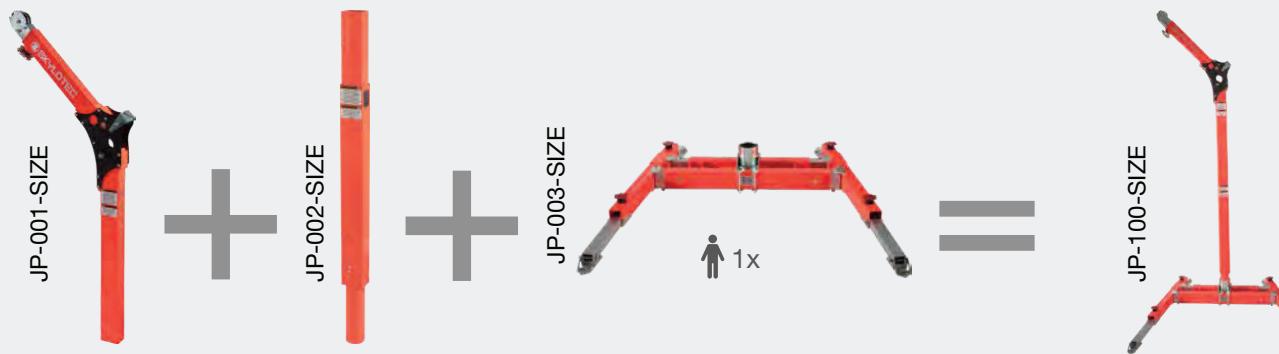
Standard: EN 795



## TECHNICAL DATA

Product	Part Number	Maximum Number	Set-up height	Material	Weight	Standards		Maximum Extension
JACKPOD DAVIT SET	JP-100-1	1	218.6 - 241.6 cm	Aluminium, Steel	42.6 kg	EN 795:2012-B	N/A	49.5 - 71.8 cm
	JP-100-2		249 - 272 cm		44.5 kg			
	JP-100-3		249.1 - 271.1 cm		44.5 kg			
	JP-100-4		279.5 - 301.5 cm		46.4 kg			

JP-001 + JP-002 + JP-003 = JACKPOD DAVIT SET



## JACKPOD WINCH

The Winch 1 and 2 combine many advanced safety features, such as multiple braking mechanisms, a secondary inertia-actuated brake, an easy-to-read visual brake wear indicator and a visual overload indicator integrated into the carabiner. The winch has a stainless steel wire rope and is designed and rated for a working load limit of one person weighing a maximum of 140 kg (including all clothing, tools and equipment) when used in one-piece single rope operation, or for 280 kg and two persons in two-piece single rope operation (1:2 deflection) constructed and dimensioned.

### Features:

- Multiple pawls
- Secondary coasting actuated brake
- Easy to read visual brake wear indicator
- Easy to read visual overload indicator on the snap hook



## RAPTOR C20 HUB

RAPTOR HUB is in contrast to the RAPTOR additionally equipped with a rescue lifting device, which can be activated in an emergency and allows a quick rescue. After verification by a expert person, the device is ready for use again after the use of the rescue lifting device, which increases its economic efficiency.

RAPTOR HUB offers maximum application possibilities, as it can be used both independently on anchor points according to EN795 and in combination with an individual holder on the TRIBOC, JACKPOD TRI and JACKPOD DAVIT mobile anchor points. The respective holder can remain attached to the mobile anchor points when the device is removed.

### Features:

- Versatile use due to additional equipment with a rescue lifting device
- Easy and economical maintenance and revision thanks to modular design
- Two drop indicators
- High durability due to replaceable assemblies
- Space-saving storage and optimal handling due to special case design

# Descenders & Rescue Devices

## Design

SKYLOTEC rope design is core-sheathed. Ropes based on this construction function via two fundamental components - the sheath and the core. While the core primarily carries the load, the sheath protects the rope from external elements such as dirt, friction, UV rays and moisture. In the event that the sheath is damaged, exposing the core, immediately replace the rope.

The rope core is made of high-quality material, which is wound or woven into intricate strands. The rope thus has excellent flexibility, as well as enormous strength and energy absorption capacity. These characteristics are extremely important for use in fall protection systems, rescue operations and abseiling equipment.

Stranded cores also allow for highly stable rope end finishing, since the rope is not pressed or knotted as per conventional practice, but rather sewed by means of innovative sewing techniques.

## Rope types

Primarily two categories of ropes are available: static ropes and dynamic ropes.

Static ropes are core-sheathed ropes with low extension. Dynamic ropes are divided into three different types. While single ropes can be used in all applications to complete the safety chain and absorb the fall of a person, half-ropes may only be used in pairs for this purpose and twin ropes only in pairs and parallel. Dynamic ropes have a very high energy absorption capacity and thus reduce the arresting force.



## Shifting of the Outer Sheath

... states the shifting of the Outer Sheath in relation to the core of the rope, if a 2 m long piece of rope is pulled 5 x through a standardised test device. The permitted limit is  $\pm 40$  mm, the UIAA standard is  $\pm 20$  mm!

## Expansion in Use

... is the stretching of a piece of rope under a load of 80 kg.

## Arresting Force

... is a relative measure for the flexibility of a rope. Low values describe ropes with high flexibility.

## Fall Count

... designates the number of normal falls withstood during dynamic fall testing (laboratory results). It is generally the case that the safety reserves increase with a rising number of falls.

Diameter	7.5 mm	8 mm	9 mm	10.5 mm	11 mm	12 mm
Product name	POLY TECHNORA 7.5	POLY-TECHNORA /TECHNORA 8.0	SUPER STATIC 9.0	SUPER STATIC 10.5	SUPER STATIC 11	EXPLORER 12.0
For use with	DEUS 3300	DEUS 3300 / DEUS 3700	MILAN	GORDON, ACX, SIRIUS, LORY, MARK 1 PLUS, MARK 8	GORDON, ACX, SIRIUS, LORY, MARK 1 PLUS, MARK 8	SIRIUS, LORY, MARK 1 PLUS, MARK 8
Maximum lifetime	10 years	10 years	10 years	10 years	10 years	10 years
Max. tensile strength	24 kN	24.9 kN	26.7 kN	32.7 kN	30 kN	22 kN
Rope type	Semi-static rope	Semi-static rope	Semi-static rope	Semi-static rope	Semi-static rope	Semi-static rope
Rope elongation	4.40 %	2.10 %	4.70 %	4.10 %	4.00 %	1.50 %
Standards	NFPA-1983 FIRE ESCAPE	NFPA-1983	EN 1891-A:1998	EN 1891-B:1998	EN 1891-A:1998	EN 1891-A:1998
Part number	L-0721	L-0722	L-0520	R-064	R-080	R-069

# Helmets And Accessories

Comfortable, lightweight and ergonomic head protection for various applications - according to industrial and mountaineering standards. Available with or without ventilation openings and reflective stickers, depending on the needs of the application. Thanks to the modular system, other interchangeable accessories and spare parts are compatible with the helmets according to your needs.

INCEPTOR GRX				ARIES		
	GRX	GRX REF	GRX HIGH VOLTAGE	ARIES	ARIES AIR	ARIES TREE
Standards	EN 397:2012 (150-250 N chin strap strength) EN 12492:2012 * (> 500 N chin strap strength)	EN 397:2012 (150-250 N chin strap strength) EN 50392:2002 meets partly EN 12492:2012 * (> 500 N chin strap strength)	EN 397:2012 EN 50365:2002 ANSI/ISEA Z89.1-2014 TYP 1 CLASS E	EN 397:2012 EN 50365:2002 ANSI/ISEA Z89.1-2014 TYP 1 CLASS E	EN 397:2012	EN-12492:2012
Colour						
Aircondition	✓	✓	N/A	N/A	✓	✓
Accessoires	✓	✓	✓	✓	✓	✓
Reflecting	non-reflecting	reflecting	non-reflecting	reflecting only in combination with BE-515	reflecting only in combination with BE-515	reflecting only in combination with BE-515

\* This chin strap is not included in the delivery. It can be ordered separately.

## ACCESSORIES

**TELESTICK**  
ACS-0070-01



Infinitely adjustable, allows easy pre-clipping of ropes or quickdraws

**SKYGRIP HALFFINGER**  
BE-1000-920-SIZE  
BE-1001-920-SIZE



Light gloves that protect the hands from the frictional heat generated while belaying or rappelling, as well as from minor injuries. Also available in a half-finger version.

**LONG LEASH FLEX**  
ACS-0281



Secures tools flexibly and conveniently against falling or dropping with a sturdy spiral cord

**WAIST TEC**  
ACS-0302



Adjustable step ladder for ascending on the rope in combination with an ascender

**FIX PRO / FIX PRO+**  
ACS-0312 / ACS-0313



Positioning bracket for correct alignment of the connecting element on the carabiner, the rope, or the device

**ROPE SHIELD**  
ACS-0316



Durable, removable rope protection with Velcro closure and attachment ring

**DRYBAG**  
ACS-0014-OR-SIZE



Waterproof bag with backpack straps

**EQUIPMENT BAG**  
ACS-0020



Max. rope length Ø 11 mm: 15 m

**SKYPACK**  
ACS-0244



Spacious, sturdy backpack, ideal for daily use



## CONCRETE MOUNTED ANCHORS

### ANCHORS

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

Product Code	Description	Weight (kg)
FROGL001	FrogLink Anchor	0.291
FROGL001+RIVETS	FrogLink Anchor with 7 Aluminium Rivets	0.340
FROGL001+S5Z	FrogLink Unit + S5 Z Clamps	0.725
FROGL001+STROP_swaged	FrogLink Anchor, 1.2m Strop swaged, Strop Hook, Tag	0.779
FROGL001+STROP+RIVETS_swaged	FrogLink Anchor, 1.2m Strop swaged, Strop Hook, Tag and Rivets	0.828

### ConcreteLink Anchor with Collared Eyebolt



- ConcreteLink can be ordered with Standard or Abseil Eyebolt. The Standard Eyebolt is designed for fall arrest only. The Abseil Eyebolt is designed to withstand a live load without activating the bending motion that occurs when arresting a fall.
- 360° Multi-directional, enabling full rotation around the anchor.
- Chemically anchored into concrete. Drill a 28mm hole to a depth of 90mm.
- Eyelet 28mm ID.

### PRODUCT CODE: CONCL002

Components	Description	Material	Qty
NUT M16_316	Nut: M16	316SS	1
CON-INSERT	ConcreteLink Insert M16 90mm	316SS	1
Advise if you require Standard or Abseil Eyebolt			
EYEBT001	Standard Eyebolt (Bearing Length 178mm)	316SS	1
EYEBT002	Abseil Eyebolt (Bearing Length 130mm)	316SS	1

### ConcreteLink Anchor with Collared Eyebolt



- ConcreteLink Collared Eyebolt is a low profile anchor point designed for use in concrete, where the eyebolt can be removed if required.
- 360° Multi-directional, enabling full rotation around the anchor.
- Chemically anchored into concrete.
- Drill a 28mm hole to a depth of 100mm.
- Eyelet 35mm ID.

### PRODUCT CODE: CONCL002

Components	Description	Material	Qty
EYEBOLT M16x26mm	Collared Eyebolt M16 26mm	316SS	1
CON-INSERT	ConcreteLink Insert M16 90mm	316SS	1

### ConcreteLink One Piece Unit - M16 x 90mm



- ConcreteLink One Piece Unit is a low profile anchor point designed for use in concrete, where the eyebolt will remain in place exposed for attachment.
- 360° Multi-directional, enabling full rotation around the anchor.
- Chemically anchored into concrete.
- Drill a 18mm hole to a depth of 100mm.
- Eyelet 35mm ID.

### PRODUCT CODE: CONCL005

Components	Description	Material	Qty
CONCL005	One Piece Concrete Anchor	316SS	1

### ConcreteLink One Piece Unit - M12 x 90mm



- ConcreteLink One Piece Unit is a low profile anchor point designed for use in concrete, where the eyebolt will remain in place exposed for attachment.
- 360° Multi-directional, enabling full rotation around the anchor.
- Chemically anchored into concrete. Drill a 14mm hole to a depth of 90mm.
- Eyelet 52mm ID.

### PRODUCT CODE: CONCL012

Components	Description	Material	Qty
CONCL012	One Piece Concrete Anchor M12 x 90mm	316SS	1

### Concrete Brass Bolt



- Brass Bolt to be used with concrete insert when eyebolt not in use.
- Keeps internal section of insert free from debris.

### PRODUCT CODE: CONCL006

Components	Description	Material	Qty
CONCL006	Concrete Brass Bolt	Brass	1



## CONCRETE WALL/FLOOR MOUNTED ANCHORS

### WindowLink



- WindowLink anchor point designed for use in concrete structures where the eyebolt will remain concealed until needed for use.
- Designed to swivel 360 degrees with built in shock absorber.
- Discreet stainless steel cover.
- Chemically anchored into concrete.
- 55mm core drill to 20mm depth.
- 28mm drill to 122mm depth.
- Eyelet 28mm ID.

PRODUCT CODE: WINDL001

Components	Description	Material	Qty
WINDL001	Wall Mounted Concrete Anchor	316SS	1

### SwiveLink



- SwiveLink anchor point designed for use in concrete structures with the convenience of a swivelling eyebolt.
- Designed to swivel 360 degrees with built in shock absorber.
- Chemically anchored into concrete.
- Drill a 28mm hole.
- Eyelet 28mm ID.

PRODUCT CODE: SWIVL002

Components	Description	Material	Qty
SWIVL002	SwiveLink Eyebolt Anchor	316SS	1

### Tuff-Bracket Concrete Wall Mounted Anchor



- Wall mounted bracket with Collared Eyebolt.
- Chemically anchored into concrete.
- Eyelet 35mm ID.

PRODUCT CODE: TUFF-BRKT-C-COL

Components	Description	Material	Qty
EYEBOLT M16x26mm	Collared Eyebolt M16 26mm	316SS	1
WASHER M16_Spring_316	Spring Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1
TUFF-BRKT01	Tuff-Bracket	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
CON-M16x160	Anchor Rod wth M16 Nut & Spring Washer	316SS	1

### Tuff-Bracket Concrete Wall Mounted Anchor



- Wall mounted bracket with Retro Eyebolt.
- Chemically anchored into concrete.
- Eyelet 28mm ID.

PRODUCT CODE: TUFF-BRKT-C-RET

Components	Description	Material	Qty
EYEBOLT RETRO	Retro Eyebolt with M16 Flat Washer and O-Ring	316SS	1
RETRO-WASHER	Retro Washer with Rubber	316SS	1
NUT M16	Nut: M16	316SS	1
TUFF-BRKT01	Tuff-Bracket	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
CON-M16x160	Anchor Rod wth M16 Nut & Spring Washer	316SS	1





## CONCRETE TUFF-POST ANCHORS

### Concrete Tuff-Post 150mm with Collared Eyebolt



- TUFF-POST 150 system is raised 150mm off the concrete.
- 360° Multi-directional, enabling full rotation around the anchor.
- Chemically anchored into concrete.
- Retro Eyebolt - Eyelet 28mm ID.

PRODUCT CODE: TUFF-POST150R-C-RET

Components	Description	Material	Qty
EYEBOLT-RETRO	Retro Eyebolt with M16 Flat Washer and O-Ring	316SS	1
RETRO-WASHER	Retro Washer with Rubber	316SS	1
TUFF-POST150R	TUFF-POST 150mm (Round)	316SS	1
CON-M12x160	Anchor Rod M12X160, M12 Spring Washer, Washer & Nut	316SS	4

### Concrete Tuff-Post 300mm with Retro Eyebolt



- TUFF-POST 300 system is raised 300mm off the concrete.
- 360° Multi-directional, enabling full rotation around the anchor.
- Chemically anchored into concrete.
- Retro Eyebolt - Eyelet 28mm ID.

PRODUCT CODE: TUFF-POST300R-C-RET

Components	Description	Material	Qty
EYEBOLT-RETRO	Retro Eyebolt with M16 Flat Washer and O-Ring	316SS	1
RETRO-WASHER	Retro Washer with Rubber	316SS	1
TUFF-POST150R	TUFF-POST 300mm (Round)	316SS	1
CON-M12x160	Anchor Rod M12X160, M12 Spring Washer, Washer & Nut	316SS	4

### Concrete Tuff-Post 600mm with Retro Eyebolt



- TUFF-POST 600 system is raised 600mm off the concrete.
- 360° Multi-directional, enabling full rotation around the anchor.
- Chemically anchored into concrete.
- Retro Eyebolt - Eyelet 28mm ID.

PRODUCT CODE: TUFF-POST600R-C-RET

Components	Description	Material	Qty
EYEBOLT-RETRO	Retro Eyebolt with M16 Flat Washer and O-Ring	316SS	1
RETRO-WASHER	Retro Washer with Rubber	316SS	1
TUFF-POST150R	TUFF-POST 600mm (Round)	316SS	1
CON-M12x160	Anchor Rod M12X160, M12 Spring Washer, Washer & Nut	316SS	4

### Concrete Tuff-Post 900mm with Retro Eyebolt



- TUFF-POST 900 system is raised 600mm off the concrete.
- 360° Multi-directional, enabling full rotation around the anchor.
- Chemically anchored into concrete.
- Retro Eyebolt - Eyelet 28mm ID.

PRODUCT CODE: TUFF-POST900R-C-RET

Components	Description	Material	Qty
EYEBOLT-RETRO	Retro Eyebolt with M16 Flat Washer and O-Ring	316SS	1
RETRO-WASHER	Retro Washer with Rubber	316SS	1
TUFF-POST150R	TUFF-POST 900mm (Round)	316SS	1
CON-M12x160	Anchor Rod M12X160, M12 Spring Washer, Washer & Nut	316SS	4



- The TileLink roof anchor (winner of an episode on ABC1 The New Inventors) with unique energy absorbing capabilities, to reduce the risk of injury to the person and damage to the structure.
- The TileLink is quick to install, with amazing performance ability.
- Low profile reflective design is a plus for any commercial or residential enterprise wanting to maintain an aesthetically pleasing façade.
- The TileLink fits between the existing tiles ensuring no waterproofing issues. There is no need to cut the sarking as the design of this unique roof anchor eliminates any future potential roof leaks.
- Highly flexible design ensures installation to the majority of roof tile profiles.



## TILELINK - RAFTER MOUNTED ANCHORS

### ANCHORS

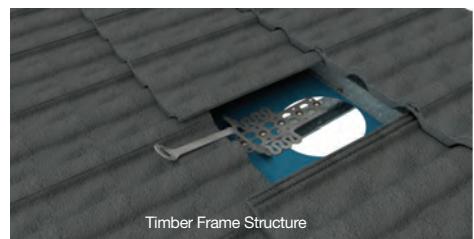
The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

Product Code	Description	Weight (kg)
TILEL001	TileLink Timber Rafter Mounted Anchor	0.634
TILEL001+SCREWS	TileLink Timber Rafter Mounted Anchor + 5 Screws	0.679
TILEL001_SFM	TileLink Steel Frame Mounted Anchor	0.630
TILEL001+RIVETS	TileLink Steel Frame Mounted Anchor + 5 Aluminium Rivets	0.665

### TileLink Anchor (Timber Rafters)



- TileLink anchor point designed for use on timber rafters with tiled roof.
- 360° Multi-directional, enabling full rotation around the anchor.
- Five fixing points with five (5) alternate fixing rows to suit multitude of tile roof profiles.
- Install using 5 x 12 gauge (50mm) roofing screws.
- Eyelet 30mm ID.



Timber Frame Structure

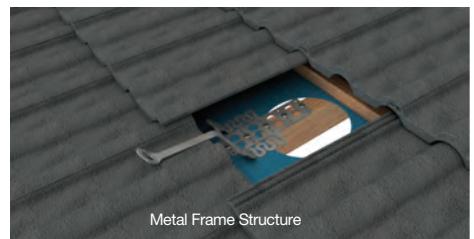
PRODUCT CODE: TILEL001+SCREWS

Components	Description	Material	Qty
TILEL001	TileLink Anchor for Timber Rafters	316SS	1
SCREW 12x50mm	12 Gauge x 50mm Hex Head Screw	Galvanized	5

### TileLink SFM Anchor (Steel Rafters)



- TileLink anchor point designed for use on steel rafters with tiled roof.
- 360° Multi-directional, enabling full rotation around the anchor.
- Five fixing points with three (3) alternate fixing rows to suit multitude of tile roof profiles.
- Install using 5 x 8mm Rivets (Drill Size 7.8-8.2mm Aluminium).
- Eyelet 30mm ID.



Metal Frame Structure

PRODUCT CODE: TILEL001+RIVETS

Components	Description	Material	Qty
TILEL001_SFM	TileLink Anchor for Steel Rafters	316SS	1
RIVET_8mm(27.7)	Tri-fold Rivets 7.7 x 27.7 length (Green seal)	Aluminium	5



- The RafterLink and HingeLink units include SafetyLink's patented Eyebolts. The length of the eyebolt enables to protrude above the roof structure when installing into timber structures.
- Standard Eyebolt is designed for fall arrest, its long tapered stem is designed to absorb energy while arresting a fall therefore reducing the load off the structure and the person attached to the anchor.
- Abseil Eyebolt can be adapted to the RafterLink forming an anchor from where you can abseil, creating a safe work station



## ANCHORS

## Rafter Mounted Anchors

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

Product Code	Description	Weight (kg)
RAFTR001	RafterLink Anchor with Standard Eyebolt	1.446
RAFTR001 + ABSEIL	RafterLink Anchor with Abseil Eyebolt	1.423
RAFTR004	Side Mounted RafterLink Anchor with Standard Eyebolt	1.682
RAFTR004 + ABSEIL	Side Mounted RafterLink Anchor with Abseil Eyebolt	1.659
HINGE001	HingeLink Anchor with Standard Eyebolt	1.301
HINGE001+ABSEIL	HingeLink Anchor with Abseil Eyebolt	1.258

### RafterLink Anchor



- RafterLink anchor point is designed for use on timber structures where there is easy access to the top of the rafter.
- Fixing to hardwood F14 or greater, use 8 type 17 hex head 14g x 75mm screws.
- Fixing to softwood less than F14, use 8 type 17 hex head 14g x 90mm screws.
- 360° Multi-directional, will arrest a fall from any direction.
- Eyelet 28mm ID.

#### PRODUCT CODE: RAFTR001

Components	Description	Material	Qty
WASHER 75mm Square	75mm Rubber Hat Washer	Rubber	1
RAFTER-BASE	RafterLink Base 0 Degree Pitch	316SS	1
Advise if you require Standard or Abseil Eyebolt			
EYEBT001	Standard Eyebolt (Install Length 178mm)	316SS	1
EYEBT002	Abseil Eyebolt (Install Length 178mm)	316SS	1

### Side Mounted RafterLink Anchor



- RafterLink Side Mounted anchor point is designed for use on timber structures where there is easy access to the rafter, installs onto the side of the rafter.
- Fixings required, eight (8) type 17 Hex Head 14g x 50mm screws.
- 360° Multi-directional, will arrest a fall from any direction.
- Eyelet 28mm ID.

#### PRODUCT CODE: RAFTR004

Components	Description	Material	Qty
WASHER 75mm Square	75mm Rubber Hat Washer	Rubber	1
RAFTER-BASE-SIDE	RafterLink Side Mounted Base	316SS	1
Advise if you require Standard or Abseil Eyebolt			
EYEBT001	Standard Eyebolt (Install Length 178mm)	316SS	1
EYEBT002	Abseil Eyebolt (Install Length 178mm)	316SS	1

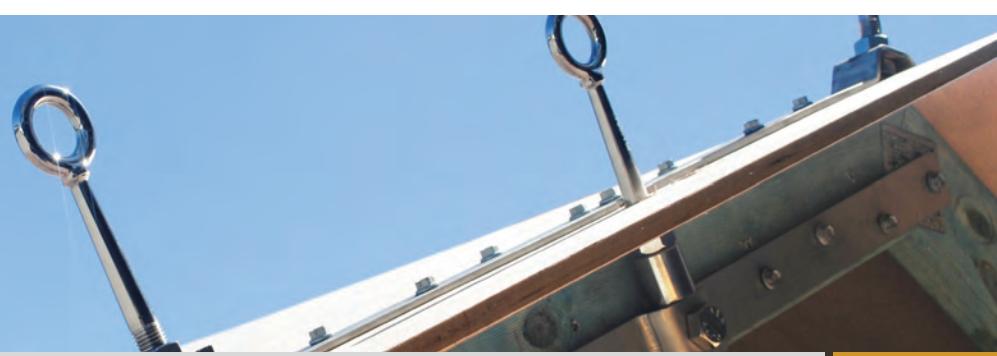
### HingeLink Anchor



- HingeLink anchor point is designed for use on metal/tiled/timber structures where there is easy access to the underside of the roof, the base of the unit is hinged enabling flexible means of attachment.
- Secure with four (4) M12 bolts and 2 Hex Head 12g 50mm screws.
- 360° Multi-directional, will arrest a fall from any direction.
- Eyelet 28mm ID.

#### PRODUCT CODE: HINGE001

Components	Description	Material	Qty
WASHER 75mm Square	75mm Rubber Hat Washer	Rubber	1
HINGE-BASE-SS	Hingelink Base	316SS	1
Advise if you require Standard or Abseil Eyebolt			
EYEBT001	Standard Eyebolt (Install Length 228mm)	316SS	1
EYEBT002	Abseil Eyebolt (Install Length 178mm)	316SS	1



- The RetroLink anchor points are designed for use on metal roofing with steel purlin structure.
- Installation is a simple task requiring no access from underside of the roof, requiring only one hole to be drilled into the roof sheeting and through the purlin.
- Waterproofing washer combined with an o ring seals the hole, elimination any waterproofing issues.
- Easy installation into concealed areas.

## RETROLINK - STEEL PURLIN ANCHORS

### ANCHORS

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

Product Code	Description	Weight (kg)
RETRO003	RetroLink Anchor with Flat Washer	0.447
RETRO004	RetroLink Anchor with Raised Washer (Cannot be used for Abseiling)	0.447
SWIVEL001	SwiveLink Anchor with Nut	0.568

### RetroLink Anchor with Flat Washer



- RetroLink anchor can be installed onto a steel C or Z purlin, where no access is available from underneath the roof. Steel purlins must be a minimum 1.2mm gauge.
- Abseiling and Fall Arrest anchor with an unobtrusive design that requires no special tooling and minimal penetration to the roof sheeting.
- 360° Multi-directional, enabling full rotation around the anchor.
- Drill a 25mm hole.

#### PRODUCT CODE: RETRO003

Components	Description	Material	Qty
EYEBOLT-RETRO	Retro Eyebolt	316SS	1
RETRO-WASHER	Retro Washer with Foam	316SS	1
RETRO-TUBE	Retro Tube with Positioning Ties	316SS	1

### RetroLink Anchor with Raised Washer



- RetroLink anchor with raised washer can be installed onto a steel C or Z purlin, where no access is available from underneath the roof. Steel purlins must be a minimum 1.2mm gauge.
- The RetroLink anchors installed to the raised section of roof sheet profiles are NOT suitable for Rope Access/Abseiling due to potential roof sheet distortion under live loading.
- 360° Multi-directional, enabling full rotation around the anchor.
- Drill a 25mm hole.

#### PRODUCT CODE: RETRO004

Components	Description	Material	Qty
EYEBOLT-RETRO	Retro Eyebolt	316SS	1
RETRO-WASHER-RAISED	Retro Raised Washer with Foam	316SS	1
RETRO-TUBE	Retro Tube with Positioning Ties	316SS	1

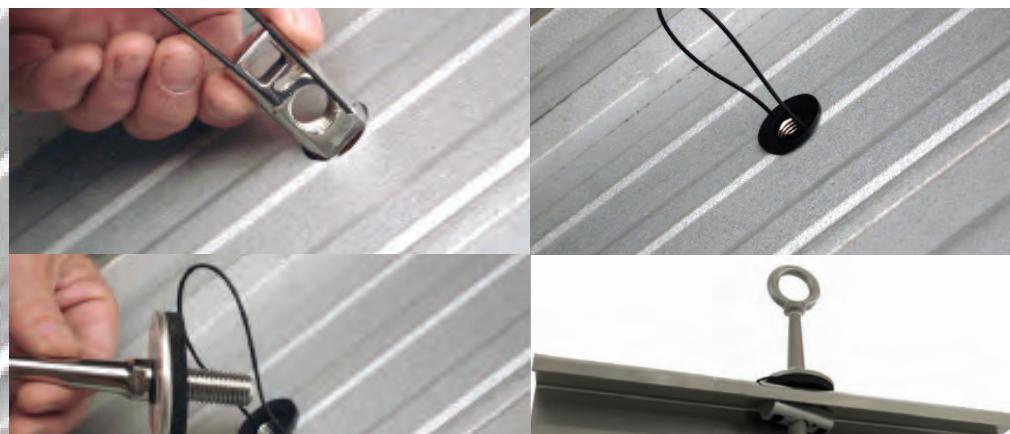
### SwiveLink



- The patented SwiveLink is an anchor point used in concrete.
- Designed to swivel 360 degrees.
- Must be chemically fastened.
- Built in shock absorber.

#### PRODUCT CODE: SWIVEL001

Components	Description	Material	Qty
SWIVELINK	SwiveLink: Swiveling Unit 83mm	316SS	1
SWIVELINK NUT	SwiveLink Nut	316SS	1



- This revolutionary all in one unit has been designed to attach to all metal roof profiles with a single row of attachment holes. This unique configuration makes it a fast simple unit for installation.
- The FrogLink's low profile reflective design is a plus for many commercial or residential enterprises wanting to maintain an aesthetically pleasing facade.
- Dynamic design reduces the load back onto the structure and person attached to the anchor when arresting a fall.
- The FrogLink will arrest from any direction, multi-directional 360 degrees.



## TILELINK - RAFTER MOUNTED ANCHORS

### ANCHORS

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

Product Code	Description	Weight (kg)
FROGL001	FrogLink Anchor	0.291
FROGL001+RIVETS	FrogLink Anchor with 7 Aluminium Rivets	0.340
FROGL001+S5Z	FrogLink Unit + S5_Z Clamps	0.725
FROGL001+STROP_swaged	FrogLink Anchor, 1.2m Strop swaged, Strop Hook, Tag	0.779
FROGL001+STROP+RIVETS_swaged	FrogLink Anchor, 1.2m Strop swaged, Strop Hook, Tag and Rivets	0.828

### RECOMMENDED TOOLS FOR INSTALLATION

Product Code	Description
GESIPA.ACCU.PRO	Gesipa Powerbird BT Cordless Rivet Tool (includes extra battery)
GESIPA.PB.PRO.GOLD	Gesipa PowerPack PRO Cordless Rivet Tool (includes extra battery)
GESIPA001.02	Gesipa Hand Rivet Tool (HN 2)
HANDTOOL001	SafetyLink Hand Rivet Tool

### FrogLink Anchor with Rivets



- FrogLink is a surface mounted height safety anchor point for use on metal roof profiles where access to building structure is difficult.
- 360° Multi-directional, enabling full rotation around the anchor.
- Install using 7 x 8mm Rivets (Drill Size 7.8-8.2mm Aluminium).

#### PRODUCT CODE: FROGL001+RIVETS

Components	Description	Material	Qty
FROGL001	FrogLink Anchor	316SS	1
RIVETS_8mm	Rivets: 8mm	Aluminium	7

### FrogLink Anchor with S5\_Z Brackets



- FrogLink is a surface mounted height safety anchor point for use on Kingzip standing seam roof profiles where access to building structure is difficult.
- 360° Multi-directional, enabling full rotation around the anchor.
- Install using 2 x S5\_Z Clamps. This clamp has been designed to attach to Kingzip standing seam roof profile.
- For different standing seam roof profiles, consult with SafetyLink.

#### PRODUCT CODE: FROGL001+S5\_Z

Components	Description	Material	Qty
FROGL001	FrogLink Anchor	316SS	1
S5_Z_BRACKET	S5 Z Clamp Bracket	Alum/SS	2

### FrogLink Anchor with First Man up Strop



- FrogLink anchor with swaged Strop, to be used as a first man up system.
- 360° Multi-directional, enabling full rotation around the anchor.
- Attachment end should be secured with a strop hook when not in use to ensure it can be accessed from a safe area for next use.
- Install using 7 x 8mm Rivets (Drill Size 7.8-8.2mm Aluminium).

#### PRODUCT CODE: FROGLINK+STROP+RIVETS\_swaged

Components	Description	Material	Qty
FROGL001	FrogLink Anchor	316SS	1
STROP_1.2m_swaged	1.2m Strop	316SS/PVC	1
STROPHOOK	Spring Fender Hook	316SS	1
STROPHOOK_TAG	Strop Hook Warning Label	Plastic	1
RIVETS_8mm	Rivets: 8mm	Aluminium	7

- Classic surface mounted roof anchor is multi directional, attaching to the top of the profile on the roof sheeting for superior waterproofing.
- The eyebolt is forged from 316 stainless steel with powerful energy absorbing qualities.
- The eyebolt was developed and tested extensively to maximize energy absorption while retaining its strength when arresting a fall.
- The eyebolts tapered design enables it to bend like a fishing pole to reduce the load back on the structure and the person attached to the anchor.
- Surface mounted anchors must not be used for rope access (abseiling).



## SURFACELINK - SURFACE MOUNTED ANCHORS

### ANCHORS

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

Product Code	Description	Weight (kg)
SURFL001	Surface Mounted Anchor (2 Side Plates)	1.907
SURFL001+Rivets	Surface Mounted Anchor (2 Side Plates) with 12 Aluminium Rivets	1.991
SURFL001-BROWNBUILT	Surface Mounted Anchor (2 Side Plates Bent for Brownbuilt Roof Profile) with 12 x 34mm Rivets (yellow)	1.991
ASURF001	Surface Mounted Anchor (Aluminium Plate)	0.892
ASURF001+Rivets	Surface Mounted Anchor (Aluminium Plate) with 10 Aluminium Rivets	0.962
HSURF001	Surface Mounted Anchor (Stainless Steel Plate)	1.420
HSURF001+Rivets	Surface Mounted Anchor (Stainless Steel Plate) with 10 Aluminium Rivets	1.490

### Classic SurfaceLink Anchor (Adjustable Side Plates)



- SurfaceLink anchor point with two adjustable plates, designed for use on metal roof sheeting where access to building structure is difficult.
- Plates can be bent for Brownbuilt Roof Sheetings.
- 360° Multi-directional, enabling full rotation around the anchor.
- Eyelet 28mm ID.

#### PRODUCT CODE: SURFL001+FIXINGS

Components	Description	Material	Qty
EYEBOLT-SURFACELINK	SurfaceLink Eyebolt (Install Length 178mm)	Rubber	1
SURF-SIDEPLATE	SurfaceLink Side Plate with foam	316SS	2
WASHER 70od-SS	Washer: 70mm OD	316SS	1
WASHER 50od-SS	Washer: 50mm OD	316SS	1
NUT M16	Nut: M16	316SS	1
RIVETS 8mm	Rivets 8mm	Aluminium	12

### Classic SurfaceLink Anchor (Aluminium Plate)



- SurfaceLink anchor point designed for use on metal roof sheeting where access to building structure is difficult.
- Adjustable design to suit different roof profiles.
- 360° Multi-directional, enabling full rotation around the anchor.
- Eyelet 28mm ID.

#### PRODUCT CODE: ASURF001+FIXINGS

Components	Description	Material	Qty
EYEBOLT-SURFACELINK	SurfaceLink Eyebolt (Install Length 178mm)	316SS	1
ADV-PLATE-AL-H-305	SurfaceLink Plate (precut holes)	*MGA	1
WASHER 70od-Plastic	Washer: 70mm OD	Plastic	1
WASHER 50od-SS	Washer: 50mm OD	316SS	1
NUT M16	Nut: M16	316SS	1
FOAM-TAPE	Adhesive single sided tape	Foam	2
RIVETS 8mm	Rivets 8mm	Aluminium	10

### Classic SurfaceLink Anchor (Stainless Steel Plate)

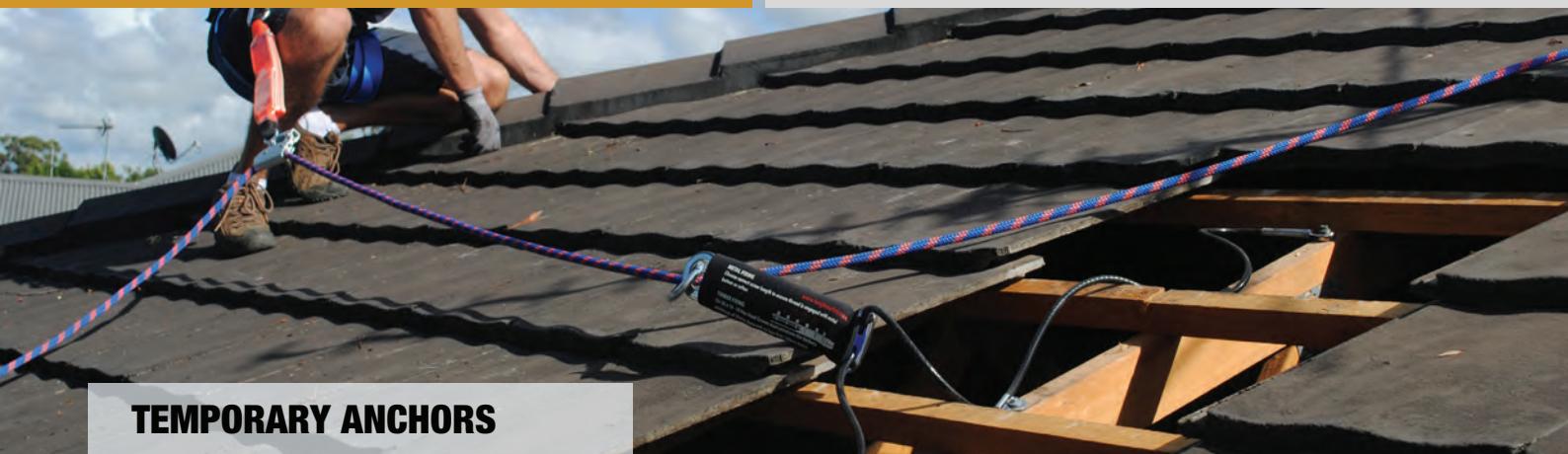


- SurfaceLink anchor point designed for use on metal roof sheeting where access to building structure is difficult.
- Adjustable design to suit different roof profiles.
- 360° Multi-directional, enabling full rotation around the anchor.
- Eyelet 28mm ID.

#### PRODUCT CODE: HSURF001+FIXINGS

Components	Description	Material	Qty
EYEBOLT-SURFACELINK	SurfaceLink Eyebolt (Install Length 178mm)	Rubber	1
ADV-PLATE-SS-H-305	SurfaceLink Plate (precut holes)	316SS	1
WASHER 50od-SS	Washer: 50mm OD	316SS	1
NUT M16	Nut: M16	316SS	1
FOAM-TAPE	Adhesive single sided tape	Foam	2
RIVETS 8mm	Rivets 8mm	Aluminium	10

\*MGA = Marine Grade Aluminium



## TEMPORARY ANCHORS



### TempLink 3000

- Lightweight compact unit, enabling easy manoeuvring to desired location.
- The TempLink can be installed directly on timber rafters or through metal roof sheeting to battens.
- 360° Multi-directional, enabling full rotation around the anchor.
- One person anchor.
- Easy to secure with adjustable stainless steel mounting tabs.
- UV coated cable. Protective rubberised sleeve preventing damage to roof materials.
- Handy carry bag with installation instructions.
- Eyelet 33.8mm ID.

Components	Description	Material	Qty	Weight
TEMPL003	TempLink 3000 - Temporary Anchor	316SS	1	1.019g



### TempLink 5000

- Suitable for mounting on metal roof sheeting with steel purlins or timber battens.
- 316 stainless steel. Easy grip handle.
- 360° Multi-directional, enabling full rotation around the anchor.
- Less fixings required due to energy absorbing features.
- One person anchor.

Components	Description	Material	Qty	Weight
TEMPL5000	TempLink 5000 - Temporary Anchor	316SS	1	3.200g



### Gridmesh

- The Gridmesh Anchor is ideal for use in a multitude of industrial applications and industries, including oil & gas, petrochemical plants onshore and offshore drilling rigs, power stations to name just a few.
- Lightweight compact unit, enabling easy manoeuvring to desired location.
- Two person rated anchor (GA02).
- It can also be used as a lifting device for hauling loads up to 1.2 tonne (GA03).
- Comes complete in a handy carry bag with installation instructions.
- ONLY to be used in a vertical orientation.
- ONLY to be used by a competent person, trained in fall protection or materials handling.
- The Gridmesh Anchor has been tested in accordance with ANSI Z359, EN795, AS/NZS 5532 and conforms with the anchorage strength requirements of AS/NZS1891.4 as a two person anchor.

Components	Description	Weight
TEMPL5000	Gridmesh Anchor Kit - PERSONAL FALL ARREST (2 Person Rated)	21kg
TEMPL5000	Gridmesh Anchor Kit - MATERIAL HANDLING (1.2T Rated)	21kg



- The FastFit Davit is rated for one user with a maximum weight of 150kg suspended from the shuttle and one user connected to either of the secondary attachment points.
- The Davit may be used to lift materials. Davits used for material lifting purposes shall not be used for supporting a user, see manual for maximum loads allowed on Davit Booms.
- The FastFit Davit Temporary Anchor System is compliant with AS/NZS 5532 and EN795.

## FAST FIT DAVIT ANCHOR

### DAVIT KIT - MAST 1600mm / BOOM 1600mm



- Davit Kit - Mast 1600mm with Boom 1600mm.
- Shuttle included with Boom.
- Base not included.
- Weight: 51.90kg

#### PRODUCT CODE: DAVIT\_KIT16.16

Components	Description	Material	Qty
DAVIT_MAST16	1600mm Mast	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BOOM16	1600mm Boom	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BRACE16	1600mm Brace	Aluminium	1

### DAVIT BOOM - 1600mm



- Davit boom 1600mm. Supplied with moveable Shuttle.

#### PRODUCT CODE: DAVIT\_BOOM16

Weight: 20.8kg

Components	Description	Material	Qty
DAVIT_BOOM.LABEL	Davit Boom Label	Adhesive Traffolyte	1
DAVIT_SHUTTLE	Davit Boom Shuttle	Stainless Steel	1
DAVIT_BOOM16_WELD	1600mm Boom Weldment	Aluminium	1

### DAVIT BRACE - 1600mm



- Davit rear brace for 1600mm Mast. Required only for Booms over 1000mm.

#### PRODUCT CODE: DAVIT\_BRACE16

Weight: 3kg

Components	Description	Material	Qty
DAVIT_BRACE16	Brace: 1600mm	Aluminium	1
DAVIT_BOOM.LABEL	Davit Boom Label	Adhesive Traffolyte	1

### DAVIT MAST - 1600mm



- Davit mast 1600mm.
- Secondary anchor point included.

#### PRODUCT CODE: DAVIT\_MAST16

Weight: 28.1kg

Components	Description	Material	Qty
DAVIT_MAST16	1600mm Mast	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BOOM.LABEL	Davit Boom Label	Adhesive Traffolyte	1

# Horizontal Lifeline

- Permanent horizontal height safety lifeline system, designed to be mounted into concrete structure.
- Concrete Rod must be chemically fastened, refer to Chemical Adhesive data sheet in Appendix 1.
- DonutLink washer installed as part of the FrogLine Concrete Lifeline allows pull testing to be completed without the need of additional eyebolt or removing any components from the system. Refer to Appendix 2 for pull testing.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.



## DONUTLINK CONCRETE MOUNTED FROGLINE

DonutLink: M16 316SS Adapter to be used with Hydrajaws Tester to pull test DonutLink Washer on Concrete FrogLine Lifeline.

Product Code	Description	Weight (kg)
STAT.FROGCAR002	FrogLine DonutLink Concrete End Anchor	0.965
STAT.FROGCAR001	FrogLine DonutLink Concrete Intermediate Anchor	0.961
STAT.FROGCAR008	FrogLine DonutLink Concrete Intermediate Extended Anchor	1.096
STAT.FROGCAR003	FrogLine DonutLink Concrete Corner Anchor	1.114

### DonutLink Concrete Mounted END Anchor



End anchor is designed to be mounted into a concrete structure as attachment points for the cable to start and terminate at.

- Drill a 18mm hole to a minimum of 90mm embedment into concrete structure.
- Chemically anchored into concrete.

PRODUCT CODE: STAT.FROGCAR002

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
NUT M16_316	Nut: M16	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
WASHER M16_DONUT	Washer: M16 DonutLink	316SS	1
ROD M16X130MM	Anchor Rod: M16x130mm (45 deg cut)	316SS	1

### DonutLink Concrete Mounted INTERMEDIATE Anchor



Intermediate anchor is designed to limit lifeline span distances.

- Drill a 18mm hole to a minimum of 90mm embedment into concrete structure.
- Chemically anchored into concrete.

PRODUCT CODE: STAT.FROGCAR001

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
NUT M16_316	Nut: M16	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
WASHER M16_DONUT	Washer: M16 DonutLink	316SS	1
ROD M16X130MM	Anchor Rod: M16x130mm (45 deg cut)	316SS	1

### DonutLink Concrete Mounted EXTENDED INTERMEDIATE Anchor



Extended Intermediate anchor is designed to limit lifeline span distances. Longer tube to enable bending to suit small degree changes in the line.

- Drill a 18mm hole to a minimum of 90mm embedment into concrete structure.
- Chemically anchored into concrete.

PRODUCT CODE: STAT.FROGCAR008

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
NUT M16_316	Nut: M16	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
WASHER M16_DONUT	Washer: M16 DonutLink	316SS	1
ROD M16X130MM	Anchor Rod: M16x130mm (45 deg cut)	316SS	1

### DonutLink Concrete Mounted CORNER Anchor



Corner anchor is designed to redirect cable by up to 90 degrees.

- Drill a 18mm hole to a minimum of 90mm embedment into concrete structure.
- Chemically anchored into concrete.

PRODUCT CODE: STAT.FROGCAR003

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
NUT M16_316	Nut: M16	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
WASHER M16_DONUT	Washer: M16 DonutLink	316SS	1
ROD M16X130MM	Anchor Rod: M16x130mm (45 deg cut)	316SS	1



- Permanent horizontal height safety lifeline system, designed to be mounted into concrete structure.
- Concrete Insert must be chemically fastened, refer to Chemical Adhesive data sheet in Appendix 1.
- FrogLine Bolts installed as part of the FrogLine Concrete Lifeline allows easy proof load testing to be completed without the need to remove any components from the system. Refer to Appendix 2 for pull testing.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

## CONCRETE MOUNTED FROGLINE

### LIFELINES

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

Product Code	Description	Weight (kg)
STAT.FROGCON001	Lifeline Concrete Intermediate Anchor	1.023
STAT.FROGCON002	Lifeline Concrete End Anchor	1.019
STAT.FROGCON003	Lifeline Concrete Corner Anchor	1.154
STAT.FROGCON008	Lifeline Concrete Intermediate Extended Anchor	1.172

### Concrete Mounted END Anchor



Intermediate anchor is designed to limit lifeline span distances.

- Chemically anchored into concrete.
- Drill a 28mm hole to a depth of 90mm.

#### PRODUCT CODE: STAT.FROGCON002

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
FROGLINE BOLT	FrogLine Eyebolt M16 35mm	316SS	1
CON-INSERT	ConcreteLink Insert M16 90mm	316SS	1

### Concrete Mounted INTERMEDIATE Anchor



End anchor is designed to be mounted into a concrete structure as attachment points for the cable to start and terminate at.

- Chemically anchored into concrete.
- Drill a 28mm hole to a depth of 90mm.

#### PRODUCT CODE: STAT.FROGCON001

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
FROGLINE BOLT	FrogLine Eyebolt M16 35mm	316SS	1
CON-INSERT	ConcreteLink Insert M16 90mm	316SS	1

### Concrete Mounted CORNER Anchor



Extended Intermediate anchor is designed to limit lifeline span distances. Longer tube to enable bending to suit small degree changes in the line.

- Chemically anchored into concrete.
- Drill a 28mm hole to a depth of 90mm.

#### PRODUCT CODE: STAT.FROGCON008

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
FROGLINE BOLT	FrogLine Eyebolt M16 35mm	316SS	1
CON-INSERT	ConcreteLink Insert M16 90mm	316SS	1

### Concrete Mounted CORNER Anchor

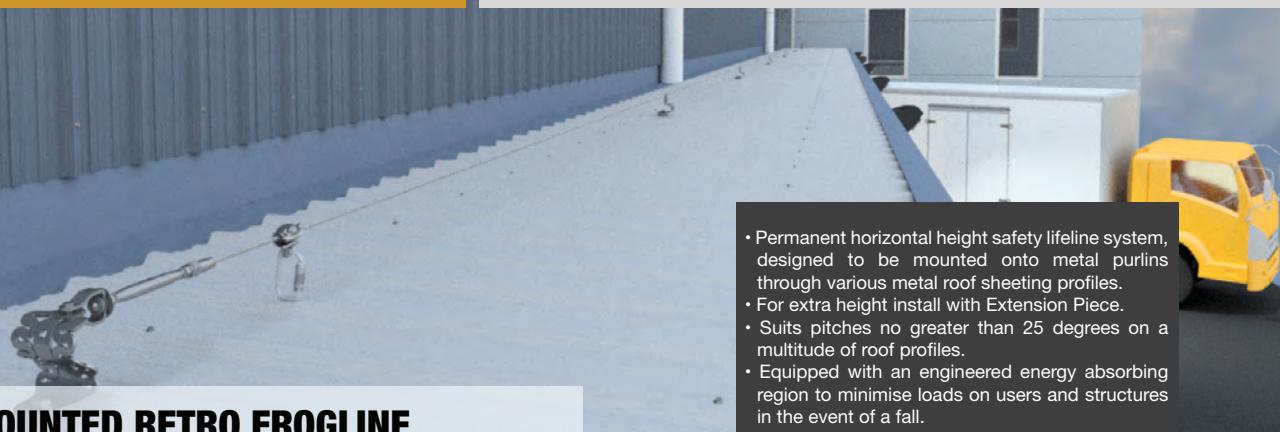


Corner anchor is designed to redirect cable by up to 90 degrees.

- Chemically anchored into concrete.
- Drill a 28mm hole to a depth of 90mm.

#### PRODUCT CODE: STAT.FROGCON003

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
FROGLINE BOLT	FrogLine Eyebolt M16 35mm	316SS	1
CON-INSERT	ConcreteLink Insert M16 90mm	316SS	1



## PURLIN MOUNTED RETRO FROGLINE

### LIFELINES

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

- Permanent horizontal height safety lifeline system, designed to be mounted onto metal purlins through various metal roof sheeting profiles.
- For extra height install with Extension Piece.
- Suits pitches no greater than 25 degrees on a multitude of roof profiles.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the Frogline Shuttle System, up-to four users per system, two per span.

Product Code	Description	Weight (kg)
STAT.FROGRET001	Lifeline RetroLink Intermediate Anchor	0.991
STAT.FROGRET002	Lifeline RetroLink End Anchor	0.987
STAT.FROGRET003	Lifeline RetroLink Corner Anchor	1.122
STAT.FROGRET008	Lifeline RetroLink Intermediate Extended Anchor	1.140
<b>Extensions are used when extra height is required - lengths available 35mm, 55mm and 90mm</b>		
STAT.FROGRET001_EXT	Lifeline RetroLink Intermediate Anchor with 35mm Extension	1.798
STAT.FROGRET002_EXT	Lifeline RetroLink End Anchor with 35mm Extension	1.794
STAT.FROGRET003_EXT	Lifeline RetroLink Corner Anchor with 35mm Extension	1.929
STAT.FROGRET008_EXT	Lifeline RetroLink Intermediate Extended Anchor with 35mm Extension	1.947

### Retro INTERMEDIATE Anchor

Intermediate anchor designed to be mounted into metal purlin construction with various metal roof profiles, to limit lifeline span distances.

- Drill a 25mm hole.



#### PRODUCT CODE: STAT.FROGRET001

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x90mm-SS	Bolt: M16 90mm Set Screw	316SS	1
O-RING	O-Ring	Rubber	1
WASHER M20	Washer: M20	316SS	1
WASHER 70OD-Foam	Foam Washer: 70OD	Foam	1
RETRO-TUBE	Retro Tube with Tie	316SS	1

### Retro END Anchor

End anchor designed to be mounted into metal purlin construction with various metal roof profiles as attachment points for the cable to start and terminate at.

- Drill a 25mm hole.



#### PRODUCT CODE: STAT.FROGKSCF002

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x90mm-SS	Bolt: M16 90mm	316SS	1
O-RING	O-Ring	Rubber	1
WASHER M20	Washer: M20	316SS	1
WASHER 70OD-Foam	Foam Washer: 70OD	Foam	1
RETRO-TUBE	Retro Tube with Tie	316SS	1

### Retro CORNER Anchor

Corner anchor designed to be mounted into metal purlin construction with various metal roof profiles. The lifeline cable runs through the corner anchor point re-directing it by up to 90 degrees.

- Drill a 25mm hole.



#### PRODUCT CODE: STAT.FROGKSCF003

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x90mm-SS	Bolt: M16 90mm Set Screw	316SS	1
O-RING	O-Ring	Rubber	1
WASHER M20	Washer: M20	316SS	1
WASHER 70OD-Foam	Foam Washer: 70OD	Foam	1
RETRO-TUBE	Retro Tube with Tie	316SS	1

### Retro EXTENDED INTERMEDIATE Anchor

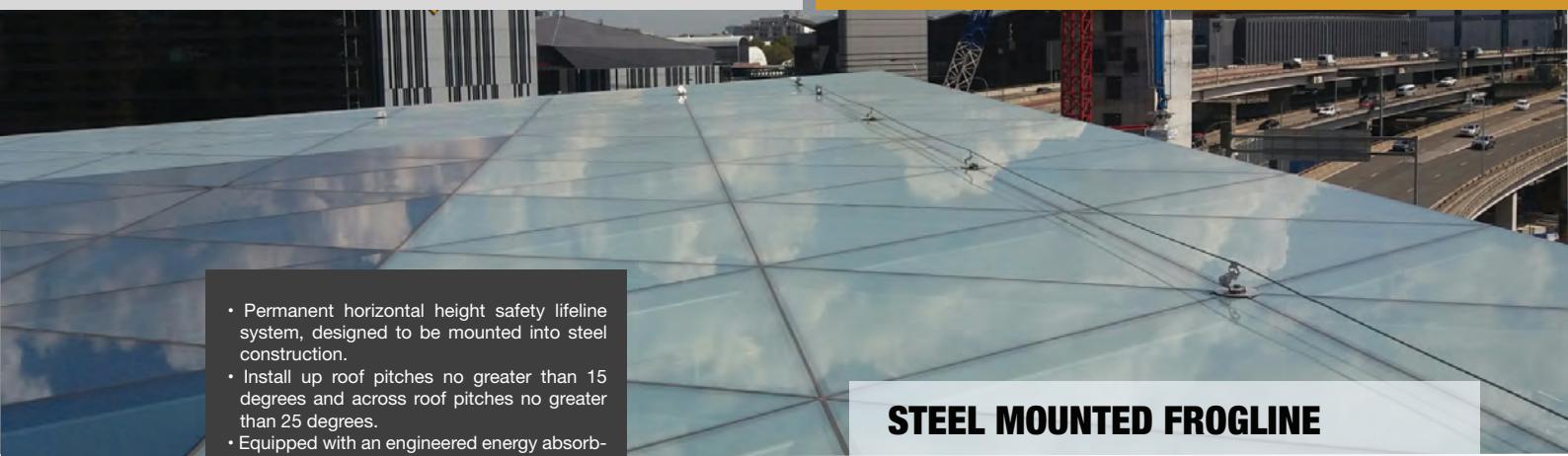
Intermediate anchor designed to be mounted into metal purlin construction with various metal roof profiles, to limit lifeline span distances.

Longer tube to enable bending to suit small degree changes in the line.



#### PRODUCT CODE: STAT.FROGKSCF008

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x90mm-SS	Bolt: M16 90mm Set Screw	316SS	1
O-RING	O-Ring	Rubber	1
WASHER M20	Washer: M20	316SS	1
WASHER 70OD-Foam	Foam Washer: 70OD	Foam	1
RETRO-TUBE	Retro Tube with Tie	316SS	1



- Permanent horizontal height safety lifeline system, designed to be mounted into steel construction.
- Install up roof pitches no greater than 15 degrees and across roof pitches no greater than 25 degrees.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

## STEEL MOUNTED FROGLINE

### LIFELINES

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

Product Code	Description	Weight (kg)
STAT.FROGSTE001	Lifeline Steel Purlin Intermediate Anchor	0.841
STAT.FROGSTE002	Lifeline Steel Purlin End Anchor	0.837
STAT.FROGSTE003	Lifeline Steel Purlin Corner Anchor	0.972
STAT.FROGSTE008	Lifeline Steel Intermediate Extended Anchor	0.990

### Steel Purlin INTERMEDIATE Anchor



Intermediate anchor designed to be mounted into steel structures to limit lifeline span distances.

- Drill a 25mm hole.

#### PRODUCT CODE: STAT.FROGSTE001

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16	Washer: M16	316SS	1
NUT M16	Nut: M16	316SS	1

### Steel Purlin END Anchor



End anchor designed to be mounted into steel structures as attachment points for the cable to start and terminate at.

- Drill a 25mm hole.

#### PRODUCT CODE: STAT.FROGSTE002

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16	Washer: M16	316SS	1
NUT M16	Nut: M16	316SS	1

### Steel Purlin CORNER Anchor



Corner anchor designed to be mounted into steel structures. The lifeline cable runs through the corner anchor point re-directing it by up to 90 degrees.

- Drill a 25mm hole.

#### PRODUCT CODE: STAT.FROGSTE003

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16	Washer: M16	316SS	1
NUT M16	Nut: M16	316SS	1

### Steel Purlin EXTENDED INTERMEDIATE Anchor



Intermediate anchor designed to be mounted into steel structures to limit lifeline span distances. Longer tube to enable bending to suit small degree changes in the line.

- Drill a 25mm hole.

#### PRODUCT CODE: STAT.FROGSTE008

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16	Washer: M16	316SS	1
NUT M16	Nut: M16	316SS	1

# Horizontal Lifeline

- Permanent horizontal height safety lifeline system, designed to be mounted onto various metal profile roof sheeting.
- Suits pitches no greater than 25 degrees.
- Fitted where it is difficult to access the underside of the roof. Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.



## SURFACE MOUNTED FROGLINE

### LIFELINES

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

Product Code	Description	Weight (kg)
STAT.FROGSAL002	FrogLine Surface Mounted End Anchor (Marine Grade Aluminium Plate)	1.468
STAT.FROGSAL002+Fixings	FrogLine Surface Mounted End Anchor (Marine Grade Aluminium Plate) + Fixings	1.568
STAT.FROGSAL001	FrogLine Surface Mounted Intermediate Anchor (Marine Grade Aluminium Plate)	1.464
STAT.FROGSAL001+Fixings	FrogLine Surface Mounted Intermediate Anchor (Marine Grade Aluminium Plate) + Fixings	1.564
STAT.FROGSAL008	FrogLine Surface Mounted Intermediate Extended Anchor (Marine Grade Aluminium Plate)	1.599
STAT.FROGSAL008+Fixings	FrogLine Surface Mounted Intermediate Extended Anchor (Marine Grade Aluminium Plate) + Fixings	1.699
STAT.FROGSAL003	FrogLine Surface Mounted Corner Anchor (Marine Grade Aluminium Plate)	1.617
STAT.FROGSAL003+Fixings	FrogLine Surface Mounted Corner Anchor (Marine Grade Aluminium Plate) + Fixings	1.717

### Surface Mounted END Anchor (Alu Plate)

End anchor designed to be mounted on the surface of a metal roof profile as attachment points for the cable to start and terminate at.



#### PRODUCT CODE: STAT.FROGSAL002+FIXINGS

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
ADV-PLATE-AL-H-305	SurfaceLink Plate 305mm (precut holes)	*MGA	1
WASHER 70od-Plastic	Washer: 70mm OD	Plastic	2
WASHER 70od-SS	Washer: 70mm OD	316SS	1
NUT M16_316	Nut: M16	316SS	1
FOAM-TAPE 29cm	Barrier Foam Tape	Foam	2
SCREW 14.10x75mm	14-10x75mm Hex Head Screws	Coated	2
RIVETS_8mm	Rivets: 8mm	Aluminium	10

#### PRODUCT CODE: STAT.FROGSAL001+FIXINGS

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
ADV-PLATE-AL-H-305	SurfaceLink Plate 305mm (precut holes)	*MGA	1
WASHER 70od-Plastic	Washer: 70mm OD	Plastic	2
WASHER 70od-SS	Washer: 70mm OD	316SS	1
NUT M16	Nut: M16	316SS	1
FOAM-TAPE 29cm	Barrier Foam Tape	Foam	2
SCREW 14.10x75mm	14-10x75mm Hex Head Screws	Coated	2
RIVETS_8mm	Rivets: 8mm	Aluminium	10

#### PRODUCT CODE: STAT.FROGSAL003+FIXINGS

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
ADV-PLATE-AL-H-305	SurfaceLink Plate 305mm (precut holes)	*MGA	1
WASHER 70od-Plastic	Washer: 70mm OD	Plastic	2
WASHER 70od-SS	Washer: 70mm OD	316SS	1
NUT M16	Nut: M16	316SS	1
FOAM-TAPE 29cm	Barrier Foam Tape	Foam	2
SCREW 14.10x75mm	14-10x75mm Hex Head Screws	Coated	2
RIVETS_8mm	Rivets: 8mm	Aluminium	10

#### PRODUCT CODE: STAT.FROGSAL003+FIXINGS

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
ADV-PLATE-AL-H-305	SurfaceLink Plate 305mm (precut holes)	*MGA	1
WASHER 70od-Plastic	Washer: 70mm OD	Plastic	2
WASHER 70od-SS	Washer: 70mm OD	316SS	1
NUT M16	Nut: M16	316SS	1
FOAM-TAPE 29cm	Barrier Foam Tape	Foam	2
SCREW 14.10x75mm	14-10x75mm Hex Head Screws	Coated	2
RIVETS_8mm	Rivets: 8mm	Aluminium	10

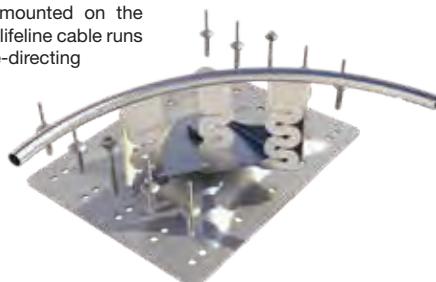
### Surface Mounted INTERMEDIATE EXT Anchor (Alu Plate)

Intermediate anchor designed to be mounted on the surface of a metal roof profile to limit lifeline span distances.



### Surface Mounted CORNER Anchor (Alu Plate)

Corner anchor designed to be mounted on the surface of a metal roof profile. The lifeline cable runs through the corner anchor point re-directing it by up to 90 degrees.





## SURFACE MOUNTED FROGLINE

- Permanent horizontal height safety lifeline system, designed to be mounted onto various metal profile roof sheeting.
- Install up roof pitches no greater than 15 degrees and across roof pitches no greater than 25 degrees.
- Fitted where it is difficult to access the underside of the roof. Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

### LIFELINES

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

Product Code	Description	Weight (kg)
STAT.FROGSUR002	FrogLine Surface Mounted End Anchor (316 Stainless Steel Plate)	1.995
STAT.FROGSUR002+Fixings	FrogLine Surface Mounted End Anchor (316 Stainless Steel Plate) + Fixings	2.095
STAT.FROGSUR001	FrogLine Surface Mounted Intermediate Anchor (316 Stainless Steel Plate)	1.991
STAT.FROGSUR001+Fixings	FrogLine Surface Mounted Intermediate Anchor (316 Stainless Steel Plate) + Fixings	2.091
STAT.FROGSUR008	FrogLine Surface Mounted Intermediate Extended Anchor (316 Stainless Steel Plate)	2.126
STAT.FROGSUR008+Fixings	FrogLine Surface Mounted Intermediate Extended Anchor (316 Stainless Steel Plate) + Fixings	2.226
STAT.FROGSUR003	FrogLine Surface Mounted Corner Anchor (316 Stainless Steel Plate)	2.144
STAT.FROGSUR003+Fixings	FrogLine Surface Mounted Corner Anchor (316 Stainless Steel Plate) + Fixings	2.244

### Surface Mounted END Anchor (SS Plate)

End anchor is designed to be mounted on the surface of a metal roof profile as attachment points for the cable to start and terminate at.



### Surface Mounted INTERMEDIATE Anchor (SS Plate)

Intermediate anchor is designed to be mounted on the surface of a metal roof profile to limit lifeline span distances.



### Surface Mounted INTERMEDIATE EXT Anchor (SS Plate)

Extended Intermediate anchor is designed to be mounted on the surface of a metal roof profile as part of a horizontal lifeline system, to limit lifeline span distances.

Longer tube to enable bending to suit small degree changes in the line.



### Surface Mounted CORNER Anchor (SS Plate)

Corner anchor is designed to be mounted on the surface of a metal roof profile. The lifeline cable runs through the corner anchor point redirecting it by up to 90 degrees.



### PRODUCT CODE: STAT.FROGSAL002+FIXINGS

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
ADV-PLATE-AL-H-305	SurfaceLink Plate 305mm (precut holes)	*MGA	1
WASHER 70od-Plastic	Washer: 70mm OD	Plastic	2
WASHER 70od-SS	Washer: 70mm OD	316SS	1
NUT M16_316	Nut: M16	316SS	1
FOAM-TAPE 29cm	Barrier Foam Tape	Foam	2
SCREW 14.10x75mm	14-10x75mm Hex Head Screws	Coated	2
RIVETS_8mm	Rivets: 8mm	Aluminium	10

### PRODUCT CODE: STAT.FROGSAL001+FIXINGS

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
ADV-PLATE-AL-H-305	SurfaceLink Plate 305mm (precut holes)	*MGA	1
WASHER 70od-Plastic	Washer: 70mm OD	Plastic	2
WASHER 70od-SS	Washer: 70mm OD	316SS	1
NUT M16	Nut: M16	316SS	1
FOAM-TAPE 29cm	Barrier Foam Tape	Foam	2
SCREW 14.10x75mm	14-10x75mm Hex Head Screws	Coated	2
RIVETS_8mm	Rivets: 8mm	Aluminium	10

### PRODUCT CODE: STAT.FROGSAL003+FIXINGS

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
ADV-PLATE-AL-H-305	SurfaceLink Plate 305mm (precut holes)	*MGA	1
WASHER 70od-Plastic	Washer: 70mm OD	Plastic	2
WASHER 70od-SS	Washer: 70mm OD	316SS	1
NUT M16	Nut: M16	316SS	1
FOAM-TAPE 29cm	Barrier Foam Tape	Foam	2
SCREW 14.10x75mm	14-10x75mm Hex Head Screws	Coated	2
RIVETS_8mm	Rivets: 8mm	Aluminium	10

### PRODUCT CODE: STAT.FROGSAL003+FIXINGS

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
ADV-PLATE-AL-H-305	SurfaceLink Plate 305mm (precut holes)	*MGA	1
WASHER 70od-Plastic	Washer: 70mm OD	Plastic	2
WASHER 70od-SS	Washer: 70mm OD	316SS	1
NUT M16	Nut: M16	316SS	1
FOAM-TAPE 29cm	Barrier Foam Tape	Foam	2
SCREW 14.10x75mm	14-10x75mm Hex Head Screws	Coated	2
RIVETS_8mm	Rivets: 8mm	Aluminium	10

# Horizontal Lifeline

- Permanent horizontal height safety lifeline system, designed to be mounted onto Longline/Brownbuilt metal roof sheeting.
- Install up roof pitches no greater than 15 degrees and across roof pitches no greater than 25 degrees.
- Fitted where it is difficult to access the underside of the roof. Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.



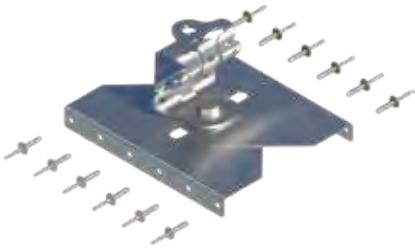
## SURFACE MOUNTED FROGLINE

### LIFELINES

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

Product Code	Description	Weight (kg)
STAT.FROGSBB002+Fixings	FrogLine Brownbuilt End Anchor (Bent Side Plates for Longline/Brownbuilt) + Fixings	2.509
STAT.FROGSBB001+Fixings	FrogLine Brownbuilt Intermediate Anchor (Bent Side Plates for Longline/Brownbuilt) + Fixings	2.505
STAT.FROGSBB008+Fixings	FrogLine Brownbuilt Intermediate Extended Anchor (Bent Side Plates for Longline/Brownbuilt) + Fixings	2.640
STAT.FROGSBB003+Fixings	FrogLine Brownbuilt Corner Anchor (Bent Side Plates for Longline/Brownbuilt) + Fixings	2.658

### Surface Mounted END Anchor (Bent Side Plates for Longline/Brownbuilt)



End anchor is designed to be mounted on the surface of a metal roof profile as attachment points for the cable to start and terminate at.

#### PRODUCT CODE: STAT.FROGSBB002+FIXINGS

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
SURF-SIDEPLATE-BB	SurfaceLink Side Plate BENT+foam	316SS	2
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
RIVET_8mm(34)	Tri-fold Rivet: 8mm 7.7 x 34.0 length (Yellow Seal)	Alum	12

### Surface Mounted INTERMEDIATE Anchor (Bent Side Plates for Longline/Brownbuilt)

Intermediate anchor is designed to be mounted on the surface of a metal roof profile to limit lifeline span distances.

#### PRODUCT CODE: STAT.FROGSBB001+FIXINGS

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
SURF-SIDEPLATE-BB	SurfaceLink Side Plate BENT+foam	316SS	2
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
RIVET_8mm(34)	Tri-fold Rivet: 8mm 7.7 x 34.0 length (Yellow Seal)	Alum	12

### Surface Mounted INTERMEDIATE EXTENDED Anchor (Bent Side Plates for Longline/BB)

Extended Intermediate anchor is designed to be mounted on the surface of a metal roof profile as part of a horizontal lifeline system, to limit lifeline span distances.

Longer tube to enable bending to suit small degree changes in the line.

#### PRODUCT CODE: STAT.FROGSBB008+FIXINGS

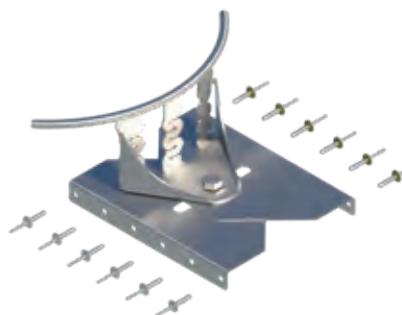
Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
SURF-SIDEPLATE-BB	SurfaceLink Side Plate BENT+foam	316SS	2
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
RIVET_8mm(34)	Tri-fold Rivet: 8mm 7.7 x 34.0 length (Yellow Seal)	Alum	12

### Surface Mounted CORNER Anchor (Bent Side Plates for Longline/Brownbuilt)

Corner anchor is designed to be mounted on the surface of a metal roof profile. The lifeline cable runs through the corner anchor point redirecting it by up to 90 degrees.

#### PRODUCT CODE: STAT.FROGSBB003+FIXINGS

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
SURF-SIDEPLATE-BB	SurfaceLink Side Plate BENT+foam	316SS	2
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
RIVET_8mm(34)	Tri-fold Rivet: 8mm 7.7 x 34.0 length (Yellow Seal)	Alum	12



## SURFACE MOUNTED FROGLINE

### LIFELINES

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

- Permanent horizontal height safety lifeline system, designed to be mounted onto standing seam roof profile.
- Brackets clamp to the roof profile with no penetration to the roof sheeting for superior waterproofing.
- Install up roof pitches no greater than 15 degrees and across roof pitches no greater than 25 degrees.
- Fitted where it is difficult to access the underside of the roof. Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

Product Code	Description	Weight (kg)
STAT.FROGSBB002+Fixings	FrogLine Brownbuilt End Anchor (Bent Side Plates for Longline/Brownbuilt) + Fixings	2.509
STAT.FROGSBB001+Fixings	FrogLine Brownbuilt Intermediate Anchor (Bent Side Plates for Longline/Brownbuilt) + Fixings	2.505
STAT.FROGSBB008+Fixings	FrogLine Brownbuilt Intermediate Extended Anchor (Bent Side Plates for Longline/Brownbuilt) + Fixings	2.640
STAT.FROGSBB003+Fixings	FrogLine Brownbuilt Corner Anchor (Bent Side Plates for Longline/Brownbuilt) + Fixings	2.658

### Surface Mounted END Anchor (advise roof profile for Clamp & Plate sizes)



End anchor is designed to be mounted on Standing Seam Roof Profile as attachment points for the cable to start and terminate at.

#### PRODUCT CODE: STAT.FROGPLT002 + PLATE + CLAMPS

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x35mm-SS	Bolt: M16x35mm Set Screw	316SS	1
WASHER 70od_Plastic	Washer: 70mm OD	Plastic	2
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
ADV-PLATE-AL-"SIZE"	SurfaceLink Plate (advise roof profile for Plate Size)	Alum	1
S5_BRACKET "TYPE"	S5_Clamp (advise roof profile for Clamp type)	Alum/SS	4

### Surface Mounted INTERMEDIATE Anchor (advise roof profile for Clamp & Plate sizes)



Intermediate anchor is designed to be mounted on Standing Seam Roof Profile to limit lifeline span distances.

#### PRODUCT CODE: STAT.FROGPLT001 + PLATE + CLAMPS

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x35mm-SS	Bolt: M16x35mm Set Screw	316SS	1
WASHER 70od_Plastic	Washer: 70mm OD	Plastic	2
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
ADV-PLATE-AL-"SIZE"	SurfaceLink Plate (advise roof profile for Plate Size)	Alum	1
S5_BRACKET "TYPE"	S5_Clamp (advise roof profile for Clamp type)	Alum/SS	4

### Surface Mounted INTERMEDIATE EXTENDED (advise roof profile for Clamp & Plate sizes)



Extended Intermediate anchor is designed to be mounted on Standing Seam Roof Profile to limit lifeline span distances. Longer tube to enable bending to suit small degree changes in the line.

#### PRODUCT CODE: STAT.FROGPLT008 + PLATE + CLAMPS

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x35mm-SS	Bolt: M16x35mm Set Screw	316SS	1
WASHER 70od_Plastic	Washer: 70mm OD	Plastic	2
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
ADV-PLATE-AL-"SIZE"	SurfaceLink Plate (advise roof profile for Plate Size)	Alum	1
S5_BRACKET "TYPE"	S5_Clamp (advise roof profile for Clamp type)	Alum/SS	4

### Surface Mounted CORNER Anchor (advise roof profile for Clamp & Plate sizes)



Corner anchor is designed to be mounted on Standing Seam Roof Profile. The lifeline cable runs through the corner anchor point redirecting it by up to 90 degrees.

#### PRODUCT CODE: STAT.FROGPLT003 + PLATE + CLAMPS

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x35mm-SS	Bolt: M16x35mm Set Screw	316SS	1
WASHER 70od_Plastic	Washer: 70mm OD	Plastic	2
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
ADV-PLATE-AL-"SIZE"	SurfaceLink Plate (advise roof profile for Plate Size)	Alum	1
S5_BRACKET "TYPE"	S5_Clamp (advise roof profile for Clamp type)	Alum/SS	4

## WALL DONUTLINK CONCRETE FROGLINE

### LIFELINES

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

- Permanent horizontal height safety lifeline system, designed to be wall mounted into concrete.
- Significantly reduces the installation time, producing an efficient and cost effective system.
- No additional eyebolts needed for load testing. Testing done in situ, no dismantling required.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

### WALL MOUNTED DONUTLINK CONCRETE FROGLINE LIFELINE

Product Code	Description	Weight (kg)
STAT.FROGCAR002	FrogLine Concrete DonutLink End Anchor	1.023
STAT.FROGCAR001	FrogLine Concrete DonutLink Intermediate Anchor	1.019
STAT.FROGCAR011	FrogLine Concrete DonutLink Corner Wall Anchor	2.217

### DonutLink Concrete Mounted END Anchor



End anchor is designed to be mounted into a concrete structure as attachment points for the cable to start and terminate at.

- Drill a 18mm hole to a minimum of 90mm embedment into concrete structure.
- Chemically anchored into concrete.

PRODUCT CODE: STAT.FROGCAR002

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
NUT M16_316	Nut: M16	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
WASHER M16_DONUT	Washer: M16 DonutLink	316SS	1
ROD M16X130MM	Anchor Rod: M16x130mm (45 deg cut)	316SS	1

### DonutLink Concrete Mounted INTERMEDIATE Anchor



Intermediate anchor is designed to be mounted into a concrete structure as attachment points for the cable to start and terminate at.

- Drill a 18mm hole to a minimum of 90mm embedment into concrete structure.
- Chemically anchored into concrete.

PRODUCT CODE: STAT.FROGCAR001

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
NUT M16_316	Nut: M16	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
WASHER M16_DONUT	Washer: M16 DonutLink	316SS	1
ROD M16X130MM	Anchor Rod: M16x130mm (45 deg cut)	316SS	1

### DonutLink Concrete Mounted CORNER WALL Anchor



Concrete wall anchor is designed to be mounted into a concrete wall on internal and external corners. The lifeline cable runs through the corner tube redirecting it by up to 90 degrees.

- Drill a 18mm hole to a minimum of 90mm embedment into concrete structure.
- Chemically anchored into concrete.

PRODUCT CODE: STAT.FROGCAR011

Components	Description	Material	Qty
STAT.FROGCAR001	FrogLine Concrete Intermediate	316SS	2
STAT.CTUBE001.01	Corner Tube: 90 degrees	316SS	1

- Permanent horizontal height safety lifeline system, designed to be wall mounted into concrete.
- Concrete Insert must be chemically fastened, refer to chemical Adhesive data sheet in Appendix 1.
- FrogLine Bolts installed as part of the lifeline allows easy proof load testing to be completed without the need to remove any components from the system.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

## WALL MOUNTED CONCRETE FROGLINE

### LIFELINES

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

### WALL MOUNTED CONCRETE FROGLINE LIFELINE

Product Code	Description	Weight (kg)
STAT.FROGCON002	FrogLine Concrete End Anchor	1.023
STAT.FROGCON001	FrogLine Concrete Intermediate Anchor	1.019
STAT.FROGCON011	FrogLine Concrete Corner Wall Anchor	2.217

### Concrete Mounted END Anchor



End anchor is designed to be mounted into a concrete wall structure as attachment points for the cable to start and terminate at.

- Chemically anchored into concrete.
- Drill a 28mm hole to a depth of 90mm.

#### PRODUCT CODE: STAT.FROGCON002

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
FROGLINE BOLT	FrogLine Eyebolt M16 35mm	316SS	1
CON-INSERT	ConcreteLink Insert M16 x 90mm	316SS	1

### Concrete Mounted INTERMEDIATE Anchor



Intermediate anchor is designed to be mounted into a concrete wall structure, to limit lifeline span distances.

- Chemically anchored into concrete.
- Drill a 28mm hole to a depth of 90mm.

#### PRODUCT CODE: STAT.FROGCON001

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
FROGLINE BOLT	FrogLine Eyebolt M16 35mm	316SS	1
CON-INSERT	ConcreteLink Insert M16 x 90mm	316SS	1

### Concrete Mounted CORNER WALL Anchor



Concrete wall anchor is designed to be mounted into a concrete wall on internal and external corners. The lifeline cable runs through the corner tube redirecting it by up to 90 degrees.

- Chemically anchored into concrete.
- Drill a 28mm hole to a depth of 90mm.

#### PRODUCT CODE: STAT.FROGCON011

Components	Description	Material	Qty
STAT.FROGCON001	FrogLine Concrete Intermediate Anchor	316SS	2
STAT.CTUBE001.01	Corner Tube: 90 degrees	316SS	1

## CONCRETE MOUNTED OVERHEAD FROGLINE

- Permanent horizontal height safety lifeline system, designed to be wall mounted overhead into concrete.
- Concrete Insert must be chemically fastened.
- FrogLine Bolts installed as part of the FrogLine Concrete Lifeline allows easy proof load testing to be completed without the need to remove any components from the system.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the Frogline Shuttle System, up-to four users per system, two per span.



### LIFELINES

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

Product Code	Description	Weight (kg)
STAT.FROGCON09	FrogLine ConcreteLink End OVERHEAD Anchor (CONCRETE INSERT VERSION FOR PULL TESTING)	1.030
STAT.FROGCAR004	FrogLine Concrete Overhead DonutLink Intermediate Anchor	0.968
STAT.FROGCAR010	FrogLine Concrete Overhead DonutLink Corner Anchor	2.115
STAT.FROGCAR012	FrogLine Concrete DonutLink Overhead External Corner Anchor	1.150
STAT.FROGCAR013	FrogLine Concrete DonutLink Overhead Internal Corner Anchor	1.150

### Concrete Mounted OVERHEAD END Anchor



End anchor is designed to be mounted into a concrete overhead structure as attachment points for the cable to start and terminate at.

PRODUCT CODE: STAT.FROGCAR009

Components	Description	Material	Qty
FROGLINE END_OH	FrogLine Base End Overhead	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
CON-M16x130	M16x130mm Anchor Rod+Washer+Spring Washer+Nut	316SS	1

### DonutLink Concrete Mounted OVERHEAD INTERMEDIATE Anchor



Intermediate anchor is designed to be mounted into a concrete overhead structure to limit lifeline span distances.

PRODUCT CODE: STAT.FROGCAR004

Components	Description	Material	Qty
FROGLINE INT_OH	FrogLine Base Intermediate Overhead	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
CON-M16x130	M16x130mm Anchor Rod+Washer+Spring Washer+Nut	316SS	1

### DonutLink Concrete Mounted OVERHEAD CORNER Anchor



Corner anchor is designed to be mounted into a concrete overhead structure. The lifeline cable runs through the corner tube redirecting it by up to 90 degrees.

PRODUCT CODE: STAT.FROGCAR010

Components	Description	Material	Qty
STAT.FROGCAR004	FrogLine DonutLink Concrete Intermediate Overhead	316SS	2
STAT.CTUBE001.01	Corner Tube: 90 degrees	316SS	1

### DonutLink Concrete Mounted OVERHEAD EXTERNAL CORNER Anchor



EXTERNAL Corner anchor is designed to be mounted into a concrete overhead structure. The lifeline cable runs through the corner tube redirecting it by up to 90 degrees.

PRODUCT CODE: STAT.FROGCAR012

Components	Description	Material	Qty
FROGLINE CNR_OH_EXT	FrogLine Base Overhead External Corner	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
CON-M16x130	M16x130mm Anchor Rod+Washer+Spring Washer+Nut	316SS	1

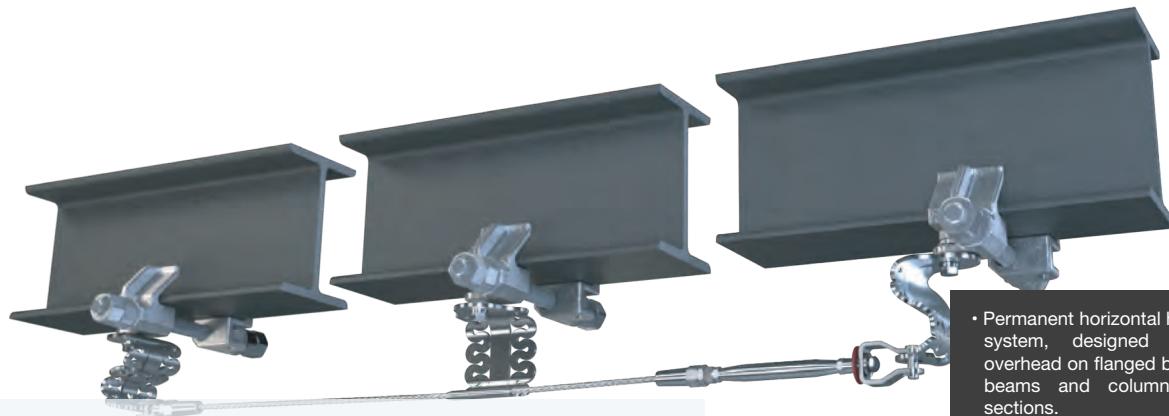
### DonutLink Concrete Mounted OVERHEAD INTERNAL CORNER Anchor



INTERNAL Corner anchor is designed to be mounted into a concrete overhead structure. The lifeline cable runs through the corner tube redirecting it by up to 90 degrees.

PRODUCT CODE: STAT.FROGCAR013

Components	Description	Material	Qty
FROGLINE CNR_OH_INT	FrogLine Base Overhead Internal Corner	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
CON-M16x130	M16x130mm Anchor Rod+Washer+Spring Washer+Nut	316SS	1



## OVERHEAD BEAMLINK FROGLINE

### LIFELINES

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

- Permanent horizontal height safety lifeline system, designed to be mounted overhead on flanged beams like universal beams and columns and fabricated sections.
- Consult an engineer if there is any doubt a structure can take the required load.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

### BeamLink OVERHEAD END Anchor



End anchor is designed to be mounted overhead on flanged beams as part of a overhead horizontal lifeline system.

- End anchor attachment points for the cable to start and terminate at.

PRODUCT CODE: STAT.FROGSTE009+BEAM\_FIXINGS

Components	Description	Material	Qty
FROGLINE END_OH	FrogLine Base End Overhead	316SS	1
FROGLINE BUSH M16-M12	FrogLine Bush: M16 to M12	316SS	1
BOLT-M12x45mm	Bolt: M12x45mm	316SS	1
WASHER M12_316	Washer: M12	316SS	1
WASHER M12_Spring_316	Washer: M12 Spring	316SS	1
NUT M12_316	Nut: M12	316SS	1

\*\*\* BEAMLINK TO BE ADDED - ADVISE LENGTH REQUIRED (160 / 210 / 285 / 385)

### BeamLink OVERHEAD INTERMEDIATE Anchor



Intermediate anchor is designed to be mounted on flanged beams as part of an overhead horizontal lifeline system.

- Intermediate to limit lifeline span distances.

PRODUCT CODE: STAT.FROGSTE004+BEAM\_FIXINGS

Components	Description	Material	Qty
FROGLINE INT_OH	FrogLine Base Intermediate OVERHEAD	316SS	1
FROGLINE BUSH M16-M12	FrogLine Bush: M16 to M12	316SS	1
BOLT-M12x45mm	Bolt: M12x45mm	316SS	1
WASHER M12_316	Washer: M12	316SS	1
WASHER M12_Spring_316	Washer: M12 Spring	316SS	1
NUT M12_316	Nut: M12	316SS	1

\*\*\* BEAMLINK TO BE ADDED - ADVISE LENGTH REQUIRED (160 / 210 / 285 / 385)

### BeamLink OVERHEAD EXTERNAL CORNER Anchor



EXTERNAL Corner anchor is designed to be mounted on flanged beams .

- The lifeline cable runs through the corner tube redirecting it by up to 90 degrees

PRODUCT CODE: STAT.FROGSTE012+BEAM\_FIXINGS

Components	Description	Material	Qty
FROGLINE CNR_OH_EXT	FrogLine Base Overhead External Corner	316SS	1
FROGLINE BUSH M16-M12	FrogLine Bush: M16 to M12	316SS	1
BOLT-M12x45mm	Bolt: M12x45mm	316SS	1
WASHER M12_316	Washer: M12	316SS	1
WASHER M12_Spring_316	Washer: M12 Spring	316SS	1
NUT M12_316	Nut: M12	316SS	1

\*\*\* BEAMLINK TO BE ADDED - ADVISE LENGTH REQUIRED (160 / 210 / 285 / 385)

### BeamLink OVERHEAD INTERNAL CORNER Anchor



INTERNAL Corner anchor is designed to be mounted on flanged beams .

- The lifeline cable runs through the corner tube redirecting it by up to 90 degrees

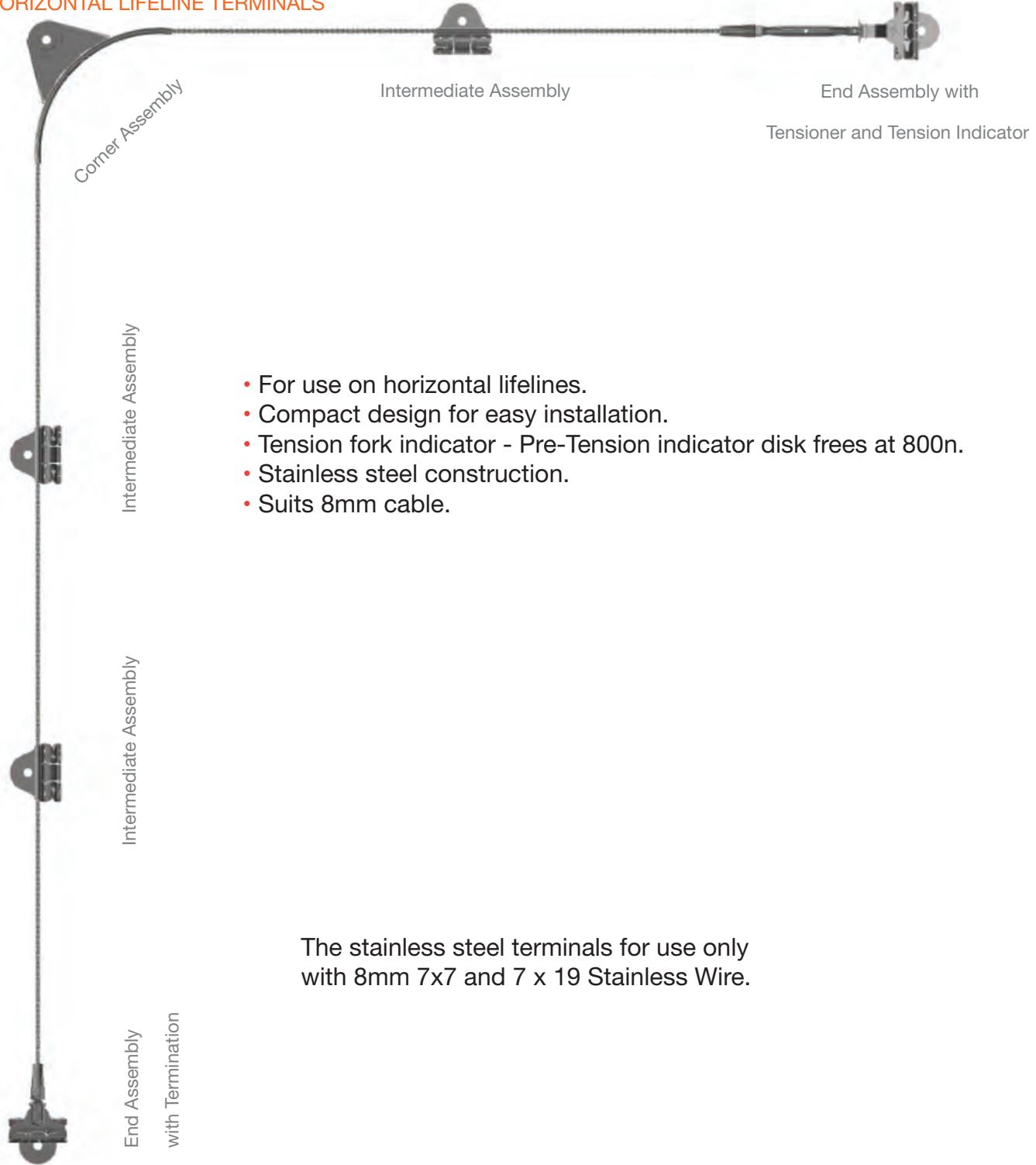
PRODUCT CODE: STAT.FROGSTE013+BEAM\_FIXINGS

Components	Description	Material	Qty
FROGLINE CNR_OH_INT	FrogLine Base Overhead Internal Corner	316SS	1
FROGLINE BUSH M16-M12	FrogLine Bush: M16 to M12	316SS	1
BOLT-M12x45mm	Bolt: M12x45mm	316SS	1
WASHER M12_316	Washer: M12	316SS	1
WASHER M12_Spring_316	Washer: M12 Spring	316SS	1
NUT M12_316	Nut: M12	316SS	1

\*\*\* BEAMLINK TO BE ADDED - ADVISE LENGTH REQUIRED (160 / 210 / 285 / 385)

# Horizontal Lifeline

## HORIZONTAL LIFELINE TERMINALS



- For use on horizontal lifelines.
- Compact design for easy installation.
- Tension fork indicator - Pre-Tension indicator disk frees at 800n.
- Stainless steel construction.
- Suits 8mm cable.

The stainless steel terminals for use only with 8mm 7x7 and 7 x 19 Stainless Wire.

## SWAGELESS Terminals



### Swageless Terminals.

Simple installation and removal with common hand tools.  
Do not reuse jaws or house, contact SafetyLink to replace.  
Suits 8mm, 7x7 & 7x19 cable.

Product Code	Description	Material	Qty	Weight (kg)
STAT.TERMN002	Swageless Termination	316SS	1	0.362
STAT.TENSR002	Swageless Tensioner	316SS	1	0.629
STAT.TENSR004	Swageless Tensioner with Tension Indicator	316SS	1	0.815

## Cable



- For use on SafetyLink Lifeline Systems.
- 316 Stainless steel cable.
- 8mm diameter.
- 7x7, 7x19 and 1x19 wire rope.

Product Code	Description	Material	Qty	Weight (kg)
STAT.CABLE001	Cable: 8mm 7x7, per metre	316SS	1	0.260
STAT.CABLE001.01	Roll Cable: 8mm 7x7, 305 metres	316SS	1	83
STAT.CABLE001.02	Roll Cable: 8mm 7x7, 500 metres	316SS	1	138
STAT.CABLE_8mm_7x19_SS	Cable: 8mm 7x19, per metre	316SS	1	0.260
STAT.CABLE_8mm_1x19_SS	Cable: 8mm 1x19, per metre	316SS	1	0.260



## Horizontal Lifeline Shuttle



For use on SafetyLink HORIZONTAL Lifeline Systems.

- No need to disconnect from Lifeline as it passes easily over Intermediate anchor points.
- Must be used with included SafetyLink Karabiner.
- Suits 8mm Cable.

PRODUCT CODE: STAT.SHUTL003

Components	Description	Material	Qty	Weight (kg)
STAT.SHUTL003.01	FrogLine Shuttle	316SS	1	0.401
KARBNR034	SafetyLink Karabiner	Stainless Steel	1	0.212

## Horizontal Overhead Lifeline Shuttle



For use on SafetyLink horizontal OVERHEAD Lifeline Systems.

- No need to disconnect from Lifeline as it passes easily over Intermediate anchor points.
- Must be used with included SafetyLink Karabiner.
- Suits 8mm Cable.

PRODUCT CODE: STAT.SHUTL002

Components	Description	Material	Qty	Weight (kg)
STAT.SHUTL002.01	OVERHEAD Shuttle (Nylon Wheels)	316SS	1	0.628
KARBNR034	SafetyLink Karabiner	Stainless Steel	1	0.212

## Horizontal Overhead Lifeline Shuttle



For use on SafetyLink horizontal OVERHEAD Lifeline Systems.

- No need to disconnect from Lifeline as it passes easily over Intermediate anchor points.
- Must be used with included SafetyLink Karabiner.
- Suits 8mm Cable.

PRODUCT CODE: STAT.SHUTL004

Components	Description	Material	Qty	Weight (kg)
STAT.SHUTL004.01	OVERHEAD Shuttle (Stainless Steel Wheels)	316SS	1	0.943
KARBNR034	SafetyLink Karabiner	Stainless Steel	1	0.212

## Horizontal Lifeline Shuttle



For use on SafetyLink horizontal lifeline systems.

- No need to disconnect from lifeline as it passes easily over Intermediate anchor points.
- Suits 8mm Cable.

PRODUCT CODE: STAT.SHUTL005

Components	Description	Material	Qty	Weight (kg)
STAT.SHUTL005	Horizontal Lifeline Shuttle	Stainless Steel	1	0.695

## Horizontal Overhead Lifeline Shuttle



For use on SafetyLink horizontal lifeline overhead systems.

- No need to disconnect from lifeline as it passes easily over Intermediate anchor points.
- Suits 8mm Cable.
- Available with Nylon or Stainless Steel wheels.

Components	Description	Material	Qty	Weight (kg)
STAT.SHUTL006	Horizontal Lifeline Shuttle with Nylon Wheels	SS/Nylon	1	1.040
STAT.SHUTL006_SS	Horizontal Lifeline Shuttle with Stainless Steel Wheel	316SS	1	1.210

- Essential entry point system to any height safety system, quick and easy installation.
- LadderLink stabilises your ladder preventing sideways movement and therefore holding your ladder in place.
- Adjusting the pitch of the LadderLink is to be done by a sheet metal fabricator's bending machine.
- Protects gutters and barge capping.



## LADDER ACCESS BRACKETS

### LadderLink (Standard)



- Quick and easy installation, protects gutters.
- Essential entry point system to stabilise your ladder.
- In addition, the LadderLink bracket has two tie off points to aid in securing the ladder in position.
- Can be installed under or over roof sheets.

Product Code	Description	Material	Qty	Weight (kg)
LADFX001	Fixed LadderLink	*MGA	1	2.290

### LadderLink (Extended)



- To extend beyond box gutters and larger areas.
- 980mm gutter to end, overall length 1115mm.
- In addition, the LadderLink bracket has two tie off points to aid in securing the ladder in position.
- Can be installed under or over roof sheets.

Product Code	Description	Material	Qty	Weight (kg)
LADFX002	Fixed LadderLink: Extended	*MGA	1	6.600

### LadderLink (Wall Mounted)



- Wall mounted ladder bracket, fixes directly onto wall.
- In addition, the LadderLink bracket has two tie off points to aid in securing the ladder in position.
- Secure with a minimum of four appropriate fixings, see manual.

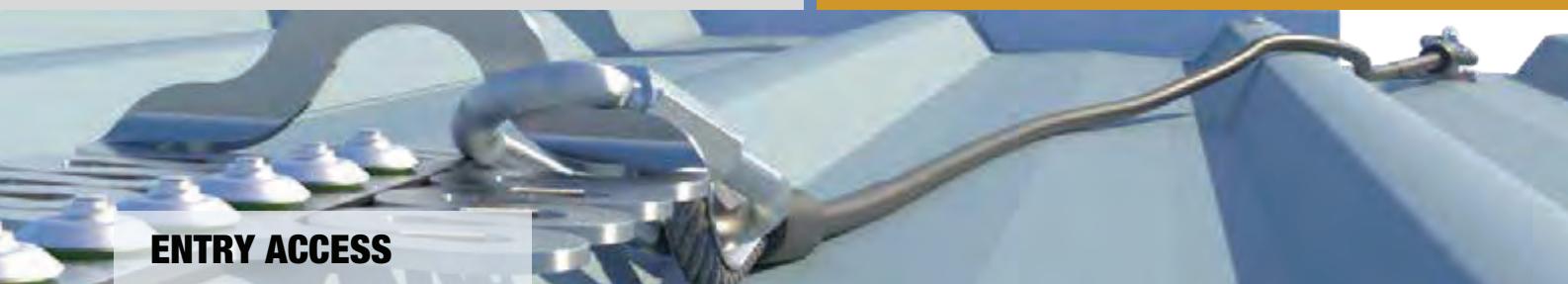
Product Code	Description	Material	Qty	Weight (kg)
LADFX003	Fixed LadderLink: Wall Mounted	*MGA	1	2.290

### LadderLink (20 - 30 Degrees Pitch)



- Quick and easy installation on pitches 20-30 degrees.
- Essential entry point system to stabilise your ladder.
- In addition, the LadderLink bracket has two tie off points to aid in securing the ladder in position.
- Can be installed under or over roof sheets.

Product Code	Description	Material	Qty	Weight (kg)
LADFX001-30	Fixed LadderLink: Bent 20-30 degrees	*MGA	1	2.290



## ENTRY ACCESS

### First Man Up Strop



- Used as first man up system; reduces the amount of entry access anchors required. Supplied QuickLink to be attached to a load rated anchor.
- Attachment end should be secured with a strop hook when not in use to ensure it can be accessed from a safe area for next use, strop hook (below) sold separately.
- UV plastic coated to prevent wear on roof sheeting. 15kN Rated.

Product Code	Description	Material	Qty	Weight (kg)
STROP001.5	1.5m First man up Strop	316SS/PVC	1	0.440
STROP002	2m First man up Strop	316SS/PVC	1	0.531
STROP002.5	2.5m First man up Strop	316SS/PVC	1	0.619
STROP003	3m First man up Strop	316SS/PVC	1	0.669
STROP003.5	3.5m First man up Strop	316SS/PVC	1	0.814
STROP004	4m First man up Strop	316SS/PVC	1	0.886
STROP004.5	4.5m First man up Strop	316SS/PVC	1	0.977
STROP005	5m First man up Strop	316SS/PVC	1	1.069

Contact SafetyLink for site specific required lengths

### Strop Hook with Sign



- NOT INCLUDED with strops, order separately.
- Note, this is not a load rated anchor, to be used to secure the strop when not in use, ensuring wind cannot blow the strop away from the access point.
- Hook can be secured with 2 screws or 2 rivets.

Product Code	Description	Material	Qty	Weight (kg)
Strophook+Sign	Strop Hook with Warning Sign	316SS	1	0.048

### Certification Labels



- Certification Labels supplied in packet of 100.
- Labels contain serial numbers for use in computer tracking systems.
- To be used for marking each individual anchor point for certification purposes.
- Protective clear cover to prevent removal of text from weather or tampering.

Product Code	Description	Material	Qty	Weight (kg)
LABEL001	Certification Labels	Polyethylene	1	0.157

### Inspection Tag



- SafetyLink Tag to be used for marking each individual anchor point for inspection month and year.
- Inspection Tag contains serial numbers for use in tracking systems.
- Hole puncher is required to place hole on required month.

Product Code	Description	Material	Qty	Weight (kg)
CERT-TAG_Y_30.100	Next Inspection Due Yellow Tag (30mm)	Plastic	1	0.100

### Warning Entry Compliance Sign

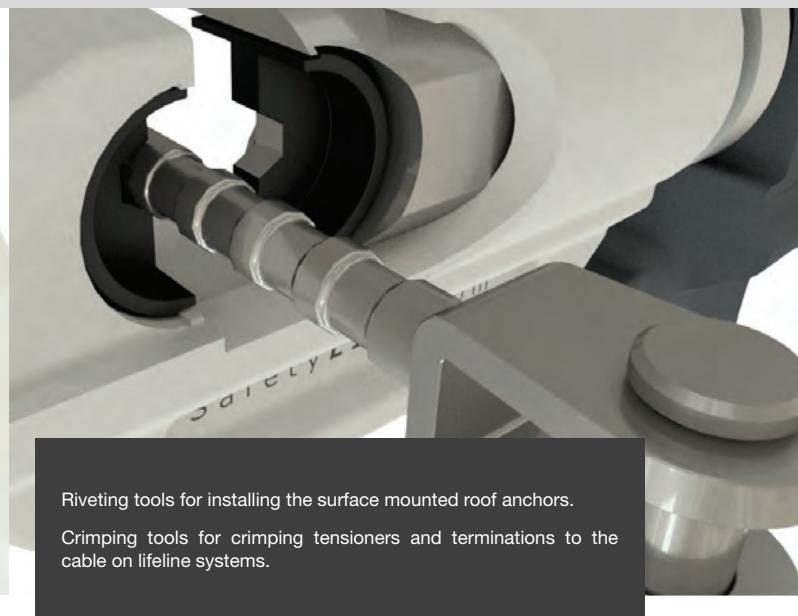


- Essential entry point information for safety system.
- Notes installer information, safe use and inspection details.
- Size 300mm x 120mm x 1mm.

Product Code	Description	Material	Qty	Weight (kg)
WARNG001	Warning Compliance Entry Sign	Aluminium	1	0.080



## TOOLS



Riveting tools for installing the surface mounted roof anchors.

Crimping tools for crimping tensioners and terminations to the cable on lifeline systems.

### RIVET TOOLS



#### Gesipa Accubird Pro Kit

Product Code: GESIPA.ACCU.PRO

- Setting force: 13,000 N. Weight: 2.1 kg with battery (2.0 Ah)
- Drive: brushless motor (BLDC). Stroke: 25 mm
- Nosepieces: 17/20, 17/24, 17/27, 17/29, 17/32, 17/36, 17/40 and 17/48, Additional jaw pusher for bigger blind-rivet dimensions
- Blind rivets from Ø 2.4 mm up to Ø 6 mm all materials (max. mandrel Ø 3.7 mm).



#### Gesipa Powerbird Pro (Gold) Kit

Product Code: GESIPA.PB.PRO.GOLD

- Setting force: 20,000 N. Weight: 2.1 kg with battery (2.0 Ah)
- Drive: 18 V brushless DC motor (BLDC). Stroke: 25 mm
- Nosepieces: 17/32, 17/36, 17/40, 17/45 and 17/48.
- Blind rivets up to Ø 6.4 mm all materials and BULB-TITE®-blind rivets up to Ø 7.7 mm all materials (max. mandrel Ø 4.3 mm).



#### COMPACT HAND RIVET TOOL

Product Code: HANDTOOL001

- Designed for installing height safety surface mounted anchor points.
- Lightweight and simple operation.
- Three piece jaws made of CR Mo steel provides long lasting tool life.
- Designed for use with 8mm Tri-fold rivets.
- Waste container for tidy collection of mandrels.
- Supplied with handy hex tool for removing and maintaining nose piece and jaws.
- Maximum Rivet Size: 8mm.
- Length 320mm.

#### GESIPA TOOL HN 2-BT

Product Code: GESIPA001.02

- Used in conjunction with 8mm Tri-fold rivets.
- Drill size 7.8-8.2mm. Length 27.7mm.
- Grip Range 1.0-9.5mm.
- Technical Data: Stroke: 10mm. Length: 577mm.



#### RIVET - 8mm

- Aluminium Bulbtite Rivets.
- Diametre 7.7.
- Hole 7.8-8.2 mm



Product Code	Description	Seal	Grip mm
RIVET_8mm(27.7)	8mm Bulbtite Rivet	Green	1.1-9.5
RIVET_8mm(34)	8mm Bulbtite Rivet	Yellow	6.4-15.9
RIVET_8mm(39)	8mm Bulbtite Rivet	Black	9.5-19.1

#### RIVET TOOL SIDE EJECTOR NOSE PIECE

Product Code: GESIPA001.10

- Nose Piece: 9/32BT Side eject nose assembly and adaptor.
- Eliminate swarf contamination within the tool.
- Prevents possible damage to the nose/jaw assembly and saves time in cleaning.
- Saves battery power with larger stroke.



### CRIMPING TOOL



Product Code: STAT.CRIMP009

Battery powered Crimping Tool.

- Able to rotate for different working positions.
- Features: 42mm C-Jaw Opening.
- With 360 degrees swivel head.
- For connector, cable lug hexagon crimping.
- Standard die set (total 10pcs): 35/50/70/95/120/150/185/240/300/400mm<sup>2</sup> (i.e. B3035-B30400) (R30 Type).
- Battery & Charger Set Model No: B-04 (18V DC Li-Ion Battery/ 4Ah).
- Tool Dimension (reference only): 440(L)\*290(W)\*78(H)mm.
- Crimping range: 6-400mm (AWG10-750MCM).
- Complete unit with extra Die to crimp 8mm cable (use with STAT.TNSR003, STAT.TNSR005 & STAT.TERMN003).

### CRIMPING TOOL ACCESSORIES

Die for battery powered crimping tool.

- Required for 8mm Cable, for use with STAT.TNSR003, STAT.TNSR005 and STAT.TERMN003.
- Size A/F10.83.





## HYDRAJAWS PULL TESTER

- To comply with recognised Industry Standards each concrete anchor must be tested after installation and at every recertification inspection.
- Ensure you wait the recommended curing time as specified by the chemical anchor instructions.
- The pull test can be done using a 16mm threaded eyebolt/Donut-Link Adapter. Test consists of ultimate pull out force proof loading to 50% of design purpose of anchorage.

## TESTER KIT

### M2000 PRO



The M2000 PRO Kit comprises all the necessary accessories to enable it to cover a pull test on a comprehensive range of fixings up to a maximum tensile load of 25kN.

### M2050 PRO



Extending the testing range to cover 0–50kN, the Hydrajaws M2050 PRO Tester kit enables engineers to validate the correct installation or establish the safe working loads of a comprehensive range of anchors and fixings in line with BS 8539 up to a maximum tensile load of 50kN.

### M2008 Heavy Duty



The Hydrajaws M2008 Heavy Duty Tension Tester Kit enables engineers to validate the correct installation or establish the safe working loads of a comprehensive range of anchors and fixings in line with BS 8539 and relevant international standards up to a maximum tensile load of 145kN.

## SAFETY LIFELINE Cable Tester



### KIT 1

Installation of swaged components on newly installed or existing engineered lifeline systems to ensure compliance with BS 7883 up to a maximum tensile load of 20kN



### KIT 2

Installed or existing engineered lifeline systems to ensure compliance with BS 7883 up to a maximum tensile load of 25kN.



### KIT 3

Installation of anchors, eyebolts up to a maximum tensile load of 35kN and swaged components on newly installed or existing engineered lifeline systems to ensure compliance with BS 7883, up to a maximum tensile load of 20kN

# Vertical Lifeline

## CLAWLINE

The CLAWLINE system from SKYLOTEC combines the highest level of safety during climbing and maximum flexibility during installation. The system is the state of the art in vertical fall protection and supports the user in safely climbing vertical objects. In addition, with the CLAWLINE, existing systems can be upgraded and retrofitted easily, flexibly and across manufacturers, and with a large number of configuration options, a solution is available for every case.



### Configuration Options:

CONFIGURATION 1



CONFIGURATION 2



CONFIGURATION 3



CONFIGURATION 4



CONFIGURATION 5



CONFIGURATION 6



CONFIGURATION 7



CONFIGURATION 8



CONFIGURATION 9



### Runners:

#### CLAW

Made of high-quality stainless steel, the CLAW steel rope runner is suitable for vertical access to higher or lower workplaces on arrester systems with 8-10 mm or 5/16 to 3/8 inch stainless steel ropes. It is particularly characterised by its excellent running properties, which allow fatigue-free ascent and descent. The fall arrester that runs along has a well thought-out 3-fold safety device: the internal mechanical lock prevents it from being put on incorrectly, the external mechanical lock only allows it to be opened with both hands. In addition, a skull and crossbones symbol warns the user if the rope is put on incorrectly.

#### Features:

- High-quality steel rope runner made of stainless steel.
- Fatigue-free ascent and descent
- Sophisticated 3-fold safety device



#### CLAW SKC EVO+

Removable fall arrest device for "CLAW LINE" lifelines made of stainless steel and galvanized steel. Equipped with double action opening system and patented anti-overturning function.



#### Features:

- Equipped with lanyard with integrated energy absorber;
- small size and weight;
- Designed to easily pass intermediate supports without manual intervention;
- Quick and easy to attach and release from the lanyard; patented anti-overturning function;
- Innovative double action opening system: the device opens only if the action is performed sequentially, reducing the danger of accidental opening;
- Certified according to EN 353-1:2014+A1:2017;
- Usable by operators weighing between 50 and 140 kg.

## SKYTAC

The SKYTAC system provides uninterrupted safety when climbing ladders - without the hassle of re-hooking anchors. The ladder and climbing protection system, with its revolutionary SPEED and SPEED ATTACH fall arresters, secures the user at any height and can be used both indoors, such as in high-bay warehouses, and outdoors, such as on church towers. In addition, the arrester system can also be used to upgrade existing ladders and make them safer for users.



SKYTAC ladder on a mobile phone mast.



SKYTAC rails on an aluminium ladder in a wind energy plant.



#### Durable, non-slip, slip-resistant.

The SKYTAC climbing protection rail with C-profile is made of robust 3 mm steel and is coated with a hot-dip GALVANIZED layer, which provides unbeatable gives an unbeatable anti corrosion Coating. The upward perforated rungs, make SKYTAC the ultimate choice for slip resistance and Slip resistance and slip resistance. The narrow spacing of the the arrester rail significantly shortens arrest distances and raises safety to a new significantly and raise safety to a new level.

#### Superiority in every ascent

Whether towers, chimneys, elevated tanks or bridge piers, our solutions adapt flexibly to your needs. The list of possible applications is endless: from antenna supports and machinery to industrial plants and building facades. Even in manholes, pits and on water and wastewater basins, SKYTAC is the choice for outstanding vertical safety.



Unsurpassed safety: The world's only runner with two redundant fall arrest systems and a speed-dependent fall arrest function

Effortless mounting and dismounting: Enjoy unparalleled comfort and fatigue-free climbing thanks to dual guide rollers.

Reduction of misuse: The ability to use the arrester and sternal attachment point, complemented by locking security, self-locking Trilock karabiner and clearly marked running direction, minimizes misuse.

Versatile and adaptable: Compatible with SKYTAC and SÖLL GlideLoc C profiles for a wide area of application.

Quick inspection: Two fall indicators for immediate visual inspection.

Durability: Low wear for a long service life.

Integrated safety: Shock absorber for maximum safety.

#### Compatibility with two different runners

##### SPEED



Can only be placed and removed at the designated removal points.

Specially developed for systems with vertical C-rail certified according to EN 353-1:2014+A1:2017.

Tested and certified on SÖLL GlideLoc rails and compatible with around 80 percent of rail systems on the market.

##### SPEED ATTACH



Can be attached and removed at any point on a C-section

Climbing protection runner can also be removed if, for example, work has to be performed on intermediate levels

Specially developed for systems with vertical C-rail certified according to EN 353-1:2014+A1:2017.

Tested and certified on SÖLL GlideLoc rails and compatible with around 80 percent of rail systems on the market



Self-retracting lanyard anchor kit, designed to be installed on the rungs of a ladder.

Systems shall be designed to limit free fall, swing fall and maximise fall clearance.

Where possible, systems should be installed as close to the centre of the ladder or climbing zone as possible.

Use in conjunction with SafetyLink's Tuff-Bloc's (shown in picture above, purchased separately).

 All load cases shall be considered by a trained engineer.

## STANDARD

The Ladder SRL Anchor System is compliant with AS/NZS 5532, EN795 TYPE A and OSHA 1926.502 and 1910.140.

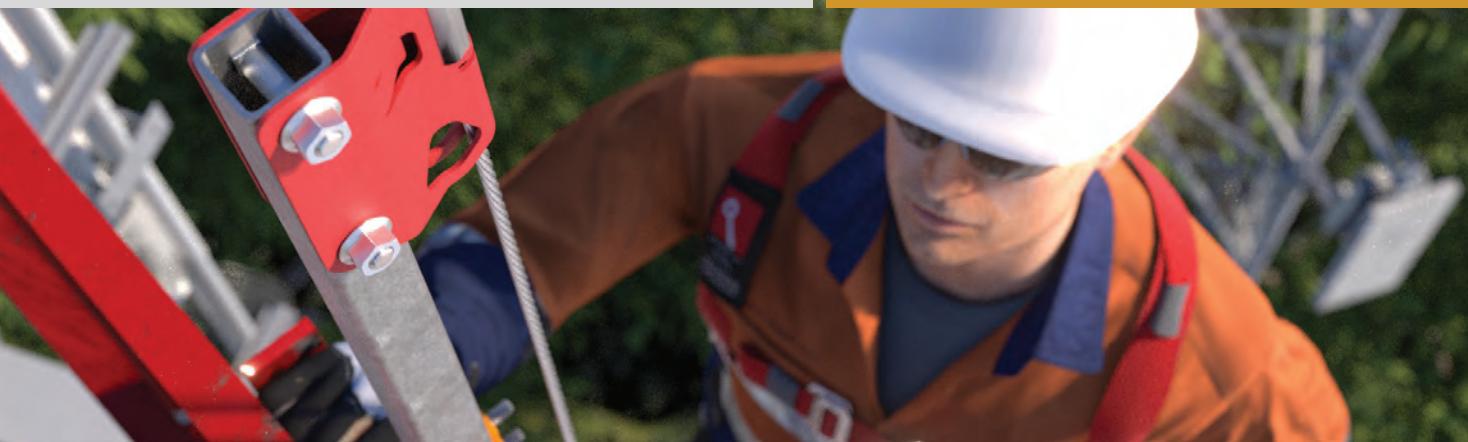
## USER RATING

The Ladder SRL Anchor is rated for 1 user per system.

### PRODUCT CODE: VLINE.SRL.KIT

Components	Description	Material	Qty
VLINE.SRL.ANCHOR	Self Retracting Anchor Kit	Galvanized	1
VLINE.SRL.ROPE	SRL Rope (for use at Maximum Height 15m)	Polyester	1
VLINE.SRL.PULLEY	Self Retracting Anchor Pulley Kit	Galvanized	2





### V-LINE KIT: TOP AND BOTTOM BRACKETS



PRODUCT CODE: VLINE002

Components	Description	Material	Qty
VLINE.BTM.PM	V-LINE Bottom Bracket Kit	316SS	1
VLINE.TOP.PM	V-LINE Top Bracket Kit	316SS	1

### V-LINE KIT: TOP AND BOTTOM BRACKETS WITH MOUNTING PLATES



PRODUCT CODE: VLINE003

Components	Description	Material	Qty
VLINE.BTM.PM	V-LINE Bottom Bracket Kit	316SS	1
VLINE.TOP.PM	V-LINE Top Bracket Kit	316SS	1
VLINE.PLT.BTM	V-LINE Bottom Plate	316SS	1
VLINE.PLT.TOP	V-LINE Top Plate	316SS	1

### V-LINE KIT: LADDER RUNG TOP AND BOTTOM BRACKETS - BOLT ON 485MM



GALVANIZED V-LINE - PRODUCT CODE: VLINE004

Components	Description	Material	Qty
VLINE.BTM.PM	V-LINE Bottom Bracket Kit	316SS	1
VLINE.TOP.PM	V-LINE Top Bracket Kit	316SS	1
VLINE.UBS.K	V-LINE Single U Bolt Kit	Galvanized	2
VLINE.UBT.K	V-LINE Twin U Bolt Kit	Galvanized	1
VLINE.POST.480	V-LINE Post 480mm (Top)	Galvanized	1
VLINE.POST.480B	V-LINE Post 480mm (Bottom)	Galvanized	1

STAINLESS STEEL V-LINE - PRODUCT CODE: VLINE004-SS

Components	Description	Material	Qty
VLINE.BTM.PM	V-LINE Bottom Bracket Kit	316SS	1
VLINE.TOP.PM	V-LINE Top Bracket Kit	316SS	1
VLINE.UBS.K-SS	V-LINE Single U Bolt Kit	316SS	2
VLINE.UBT.K-SS	V-LINE Twin U Bolt Kit	316SS	1
VLINE.POST.480-SS	V-LINE Post 480mm (Top)	316SS	1
VLINE.POST.480B-SS	V-LINE Post 480mm (Bottom)	316SS	1

### V-LINE KIT: LADDER RUNG TOP AND BOTTOM BRACKETS - BOLT ON 1575MM



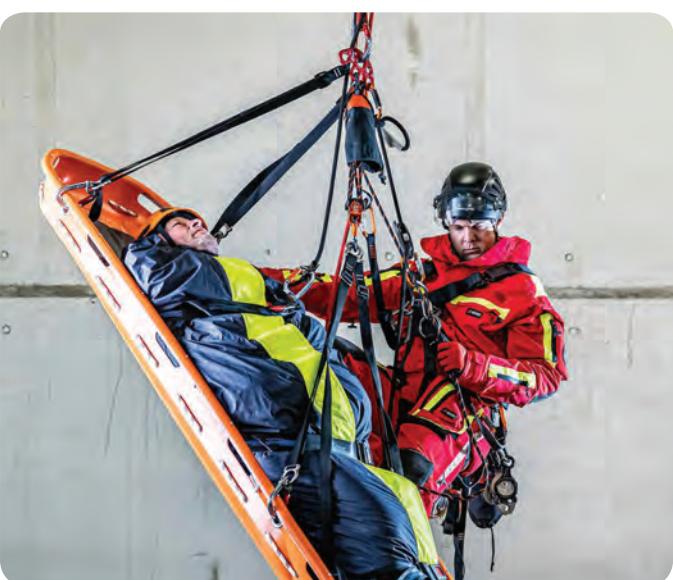
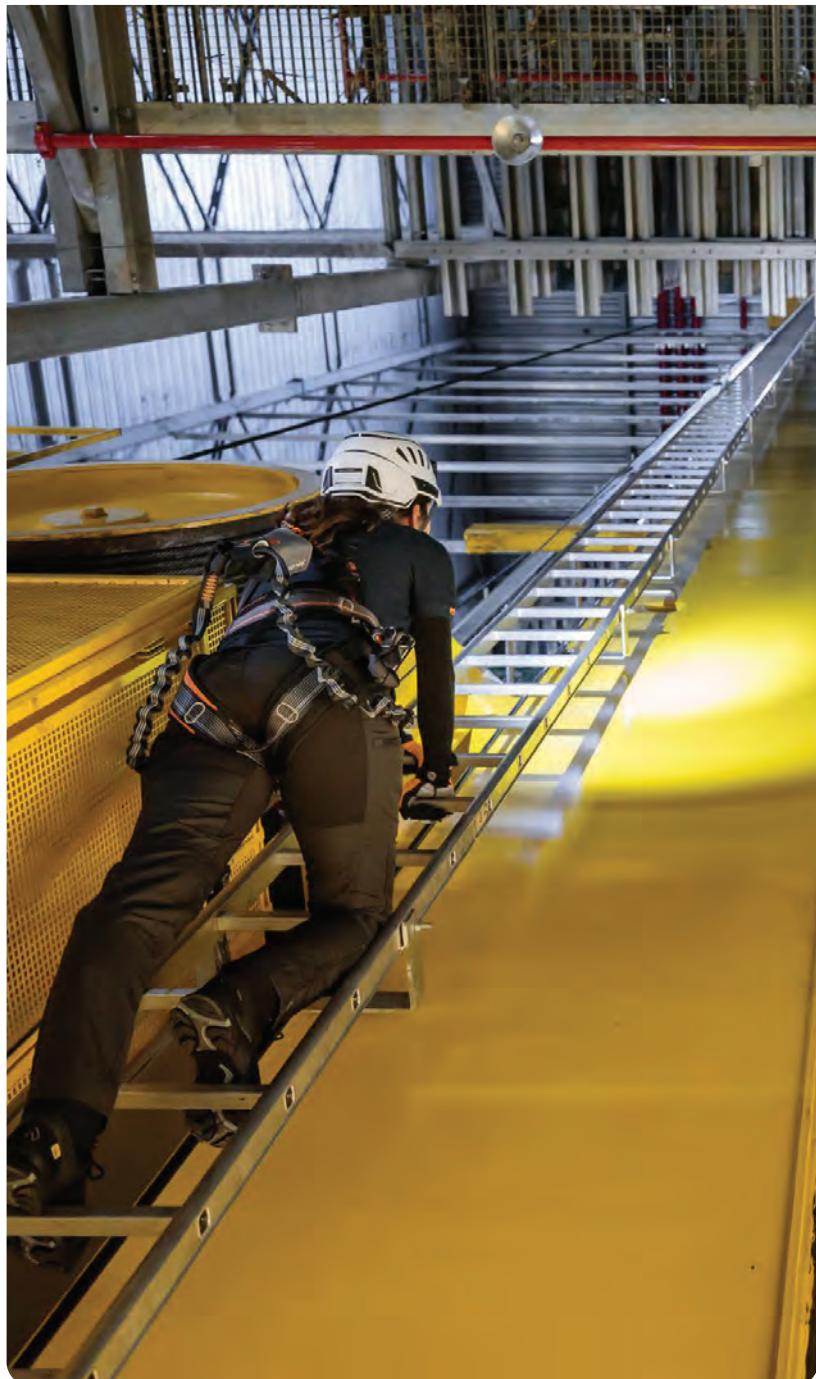
GALVANIZED V-LINE - PRODUCT CODE: VLINE005

Components	Description	Material	Qty
VLINE.BTM.PM	V-LINE Bottom Bracket Kit	316SS	1
VLINE.TOP.PM	V-LINE Top Bracket Kit	316SS	1
VLINE.UBS.K	V-LINE Single U Bolt Kit	Galvanized	2
VLINE.UBT.K	V-LINE Twin U Bolt Kit	Galvanized	2
VLINE.POST.1575	V-LINE Post 1575mm (Top)	Galvanized	1
VLINE.POST.480B	V-LINE Post 480mm (Bottom)	Galvanized	1

STAINLESS STEEL V-LINE - PRODUCT CODE: VLINE005-SS

Components	Description	Material	Qty
VLINE.BTM.PM	V-LINE Bottom Bracket Kit	316SS	1
VLINE.TOP.PM	V-LINE Top Bracket Kit	316SS	1
VLINE.UBS.K-SS	V-LINE Single U Bolt Kit	316SS	2
VLINE.UBT.K-SS	V-LINE Twin U Bolt Kit	316SS	2
VLINE.POST.1575-SS	V-LINE Post 1575mm (Top)	316SS	1
VLINE.POST.480B-SS	V-LINE Post 480mm (Bottom)	316SS	1





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