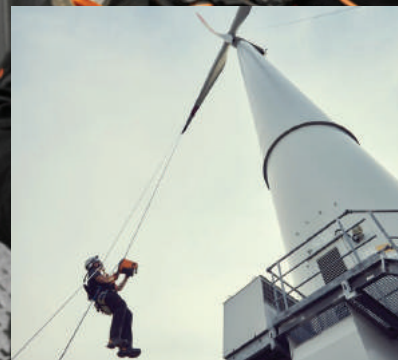


# Fall Protection & Rescue Equipment



 **Panindochina**®

[www.panindochina.com.vn](http://www.panindochina.com.vn)



**INDUSTRIAL  
SCIENTIFIC**



**SKYLOTEC**

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

**KANOX**

**sèkur**



**OPGAL**  
Beyond the Visible



**ZELINSKY  
GROUP**



**CALGAZ**



**CHEMDEFEND**  
PROTECTIVE CLOTHING



**3M**

**SCOTT  
SAFETY**



**RESPIREX**  
Living + Breathing Personal Protection



**CIRLOCK**  
LOCKOUT / TAGOUT EQUIPMENT

**JSP**



**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**

**ST** Protect



**frontier**  
SAFETY INDUSTRIAL FOOTWEAR

**INNO  
TEX**

**PRATT**  
SAFETY SYSTEMS



Windsock Company

**PIP**  
PROTECTIVE INDUSTRIAL PRODUCTS


**NEWAGE** FIRE PROTECTION  
INDUSTRIES PRIVATE LIMITED

**TOBIN**  
EYEWASH SYSTEM



**KLEVER  
INNOVATIONS**

**LW  
&  
COMPRESSORS**



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 Indochina.

## 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.

## 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.

## 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.

## KEY VALUES

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.

# Full Body Harness

www.panindochina.com.vn

Panindochina's harness part numbers vary based on product brand, sizing, and buckle configuration. Reference the infographics below to determine your ideal harness size and buckle preference.



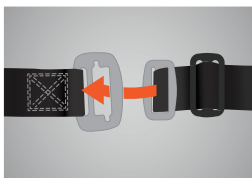
## D-ring locations



## D-Ring Applications

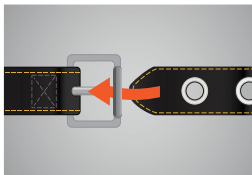
|                  | Dorsal | Sternal | Lateral | Shoulder | Ventral |
|------------------|--------|---------|---------|----------|---------|
| Arrest           | Yes    | No      | No      | No       | No      |
| Restraint        | Yes    | Yes     | Yes     | Yes      | No      |
| Rescue           | Yes    | Yes     | No      | Yes      | No      |
| Work positioning | No     | No      | Yes     | No       | No      |
| Climbing         | No     | Yes     | No      | No       | No      |
| Rope Access      | No     | No      | No      | No       | Yes     |

## Buckle Styles



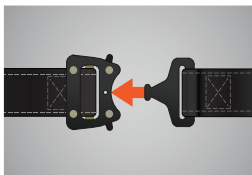
### Pass-Through

Connect by passing the male plate through the female plate to create a secure connection.



### Tongue Buckle

Adjust by pulling a strap through the buckle and locking it in place by connecting the tongue through a grommet on the strap.



### Quick-Connect

Connect by clicking the male end into the female end, and disconnect by pushing the release buttons on each side of the buckle.



# Full Body Harness

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|  |                   |  |                  |   |                   |                  |  |                   |                  |                  |                  |
|--|-------------------|--|------------------|---|-------------------|------------------|--|-------------------|------------------|------------------|------------------|
|                                     |                   |                                     |                  |   |                   |                  |                                 |                   |                  |                  |                  |
| <p><b>CS 8</b></p>                  |                   | <p><b>IGNITE TRION</b></p>          |                  | <p><b>IGNITE TRION</b></p>                |                   |                  | <p><b>CS 4</b></p>              |                   |                  |                  |                  |
| <p>EN 358:2018, EN 361:2002, EN 813:2008</p>   |                   | <p>EN 358:2018, EN 361:2002</p>  |                  | <p>EN 358:2018, EN 361:2002</p>   |                   |                  | <p>EN 358:2018, EN 361:2002, EN 813:2008</p>   |                   |                  |                  |                  |
| <p>140 kg</p>  |                   | <p>140 kg</p>  |                  | <p>140 kg</p>   |                   |                  | <p>140 kg</p>  |                   |                  |                  |                  |
| <p>85-150 cm</p>   |                   | <p>65-125 cm</p>   | <p>90-140 cm</p> | <p>75-125 cm</p>  | <p>70-100 cm</p>  | <p>90-140 cm</p> | <p>90-140 cm</p>   |                   |                  |                  |                  |
| <p>Unsize</p>  |                   | <p>XS/M</p>  | <p>XXL/5XL</p>   | <p>XS/M</p>   | <p>M/XXL</p>      | <p>XXL/5XL</p>   | <p>Unsize</p>  |                   |                  |                  |                  |
| <p>1.70 kg</p>   |                   | <p>2.39 kg</p>   | <p>2.57 kg</p>   | <p>2.52 kg</p>  | <p>2.84 kg</p>    | <p>2.90 kg</p>   | <p>2.0 kg</p>  |                   |                  |                  |                  |
| <p><b>G-0908</b></p>   |                   | <p><b>G-1131-M</b></p>   |                  | <p><b>G-1131-S-ST</b></p>   |                   |                  | <p><b>G-0904</b></p>   |                   |                  |                  |                  |
|                                    |                   |                                    |                  |    |                   |                  |                                |                   |                  |                  |                  |
| <p><b>IGNITE PROTON WIND</b></p>  |                   | <p><b>IGNITE PROTON WIND</b></p>  |                  | <p><b>IGNITE PROTON WIND STEEL</b></p>  |                   |                  | <p><b>GRYPHON</b></p>         |                   |                  |                  |                  |
| <p>ANSI/ASSP Z359.11-2021, EN 358:2018, EN 361:2002, MEETS CAN/CSA Z259.10-18, OSHA</p>                              |                   | <p>ANSI/ASSP Z359.11-2021, EN 358:2018, EN 361:2002, MEETS CAN/CSA Z259.10-18, OSHA</p>                              |                  | <p>ANSI/ASSE Z359.11-2021, EN 358:2018, EN 361:2002, MEETS CAN/CSA Z259.10-18</p>   |                   |                  | <p>EN 358:2018, EN 361:2002, EN 813:2008</p>   |                   |                  |                  |                  |
| <p>140 kg</p>  |                   | <p>140 kg</p>  |                  | <p>140 kg</p>   |                   |                  | <p>140 kg</p>  |                   |                  |                  |                  |
| <p>74-121 cm</p>   | <p>91-124 cm</p>  | <p>102-138 cm</p>  | <p>74-121 cm</p> | <p>91-124 cm</p>  | <p>102-138 cm</p> | <p>74-121 cm</p> | <p>91-124 cm</p>   | <p>102-138 cm</p> | <p>60-80 cm</p>  | <p>70-100 cm</p> | <p>80-120 cm</p> |
| <p>XS/M</p>  | <p>M/XXL</p>      | <p>XXL/5XL</p>   | <p>XS/M</p>      | <p>M/XXL</p>  | <p>XXL/5XL</p>    | <p>XS/M</p>      | <p>M/XXL</p>   | <p>XXL/5XL</p>    | <p>S/M</p>       | <p>M/L</p>       | <p>L/XL</p>      |
| <p>3.58 kg</p>   | <p>3.58 kg</p>    | <p>3.65 kg</p>   | <p>3.68 kg</p>   | <p>3.68 kg</p>  | <p>3.80 kg</p>    | <p>3.72 kg</p>   | <p>3.72 kg</p>   | <p>3.80 kg</p>    | <p>2.80 kg</p>   | <p>2.84 kg</p>   | <p>2.90 kg</p>   |
| <p><b>G-1132-W</b></p>   |                   | <p><b>G-1132-WS</b></p>  |                  | <p><b>G-1132-WS-ST</b></p>  |                   |                  | <p><b>G-1172</b></p>   |                   |                  |                  |                  |
|                                   |                   |                                   |                  |   |                   |                  |                               |                   |                  |                  |                  |
| <p><b>IGNITE ARGON</b></p>        |                   | <p><b>IGNITE NEON</b></p>         |                  | <p><b>IGNITE RECORD SZT</b></p>         |                   |                  | <p><b>IGNITE NUCLEON</b></p>  |                   |                  |                  |                  |
| <p>EN 358:2018, EN 361:2002, EN 813:2008</p>   |                   | <p>EN 358:2018, EN 361:2002, EN 813:2008</p>   |                  | <p>EN 12277:2015+A1:2018, EN 358:2018, EN 361:2002, EN 813:2008</p>   |                   |                  | <p>EN 358:2018, EN 361:2002</p>  |                   |                  |                  |                  |
| <p>140 kg</p>  |                   | <p>140 kg</p>  |                  | <p>140 kg</p>   |                   |                  | <p>140 kg</p>  |                   |                  |                  |                  |
| <p>85-105 cm</p>   | <p>100-130 cm</p> | <p>110-150 cm</p>  | <p>85-105 cm</p> | <p>100-130 cm</p>   | <p>110-138 cm</p> | <p>85-115 cm</p> | <p>95-120 cm</p>   | <p>105-130 cm</p> | <p>70-110 cm</p> | <p>85-120 cm</p> | <p>90-130 cm</p> |
| <p>XS/M</p>  | <p>M/XXL</p>      | <p>XXL/5XL</p>   | <p>XS/M</p>      | <p>M/XXL</p>  | <p>XXL/5XL</p>    | <p>XS/M</p>      | <p>M/XXL</p>   | <p>XXL/5XL</p>    | <p>XS/M</p>      | <p>M/XXL</p>     | <p>XXL/5XL</p>   |
| <p>3.24 kg</p>   | <p>3.34 kg</p>    | <p>3.80 kg</p>   | <p>3.08 kg</p>   | <p>3.22 kg</p>  | <p>3.22 kg</p>    | <p>1.85 kg</p>   | <p>1.90 kg</p>   | <p>1.95 kg</p>    | <p>2.24 kg</p>   | <p>2.29 kg</p>   | <p>2.35 kg</p>   |
| <p><b>G-1133</b></p>   |                   | <p><b>G-1153</b></p>   |                  | <p><b>G-1156</b></p>  |                   |                  | <p><b>G-1161</b></p>   |                   |                  |                  |                  |

# Choosing a lanyard

Look for quality in these features when selecting a lanyard

## 1 Webbing

Webbing must be strong enough to endure rough use and exposure to sunlight and other elements, without tearing or fraying. Nomex®/Kevlar® with fibre webbing should be used for applications such as welding or arc flash hazards. Webbing may also be coated with polyurethane for protection against grease, oil and grime. Cable lanyards offer extra durability and are ideal if you're working in abrasive or high-heat environments.

## 2 Impact indicators

Impact indicators let you see if an energy absorber has been involved in a fall. Once an energy absorber has been deployed, the lanyard must be removed from service immediately and destroyed.

## 3 Connector/Hook

Snap Hooks are popular because they allow one-handed use and won't pinch your thumbs or fingers. Lanyards can also be fitted with larger hooks or carabiners, for connection to larger anchorages.

## 4 Length

The standard lanyard length is 6 ft. (1.8 m), but both shorter and longer lanyards are available. A lanyard should be long enough to be user-friendly, but kept as short as possible to minimize the free fall distance.



## 5 Energy absorber

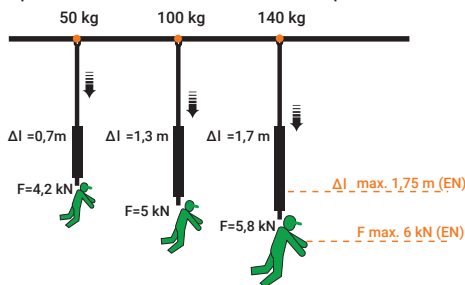
Lanyards used as part of a personal fall arrest system must contain an energy absorbing unit that limits fall arrest forces during a fall to less than 1,800 lbs. (8 kN). Most designs keep forces below 900 lbs. (4 kN) for added safety. Energy absorbers come in pack or tubular styles to meet your preference.

# Lanyards and Work Positioning Ropes

Revolutionary, patented energy absorber with a large weight range from 50 kg to 140 kg that always withstands a maximum impact of less than 6 kN at a maximum absorber length of 1.75 m. The final impact resistance of 22 kN throughout the system, including absorber, before AND after a fall is exceptional as well.

Therefore, the SKYSAFE PRO can be used in combination with any of our safety harnesses for a user weight of up to 140 kg. SKYSAFE PRO also meets the most relevant international standards in a SINGLE product. Available in four versions with different carabiner combinations: I-rope, Y-rope, I-rope tieback, Y-rope tie-back.

Simplified and accelerated becomes possible through integrated rescue loops that can be suspended directly into a rescue device.



EN Common elastic shock absorber devices are only designed to dampen weight below 100 kg at under 6 kN and use a high dampening force in ANY case of weight.

## Fall Factor

This image shows a range of possible fall scenarios:

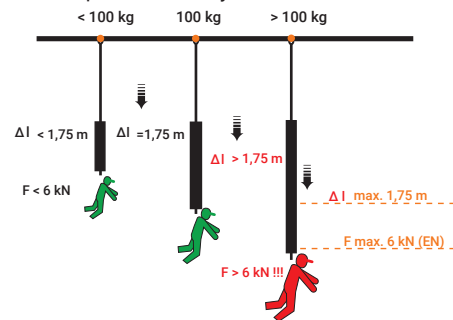
The 1m lanyard is tight to an overhead anchor thus no fall is possible and this is effectively FF0.

The ends of the lanyard are attached to the harness and an anchor at the same height. The operator can fall 1m on a 1m lanyard so this is FF1.

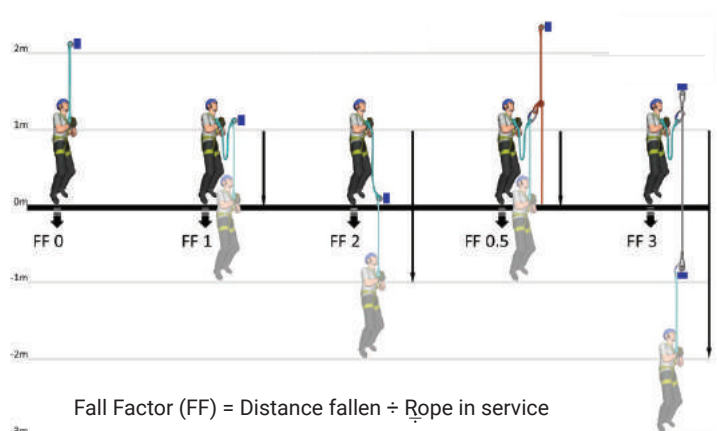
Now the 1m lanyard is anchored down at foot level and thus a 2m fall is possible. This is FF2.

This time the 1m lanyard is attached to separate rope which runs another 1m straight up to an overhead anchor. Now there are 2m of rope in the system to absorb the impact of the 1m fall so this becomes FF0.5.

This final situation is unusual but sees the lanyard clipped to a vertical cable. Now the operator can fall 3m on their 1m lanyard which gives FF3. This would be a very dangerous fall.



EN in the case of weight exceeding 100 kg of all of the theoretically possible force is absorbed. After an initial peak, the weight drops to the end stop and 6 kN are exceeded.



Fall Factor (FF) = Distance fallen ÷ Rope in service

## 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  |
| Maximum number of persons:         | 1 person  |
| Rated load:                        | 140 kg  |
| Size:                              | 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 FLEX

|                                    |   |
|------------------------------------|---|
| Part Number:                       | L-0567-1,8  |
| Standards:                         | EN 354:2010, EN 355:2002, EN 795:2012, RFU PPE-R/11.063, RFU PPE-R/11.074 |
| Maximum lifetime:                  | 10 years  |
| Maximum number of persons:         | 1 person  |
| Rated load:                        | 140 kg  |
| Size:                              | 1.8 m   |
| Weight:                            | 1.7 kg  |
| Carabiner on anchoring point side: | FS 110 ALU  |
| Carabiner on belt side:            | STAK TRI  |
| Material:                          | Polyester, Aluminium  |
| Rope material:                     | Polyester   |



### SKYSAFE PRO FLEX

|                                    |   |
|------------------------------------|---|
| Part Number:                       | L-0564-1,8  |
| 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  |
| Maximum number of persons:         | 1 person  |
| Rated load:                        | 140 kg  |
| Size:                              | 1.8 m   |
| Weight:                            | 1.47 kg   |
| Carabiner on anchoring point side: | FS 64 ALU   |
| Carabiner on belt side:            | KOBRA AL TRI  |
| Material:                          | Polyester, Aluminium  |
| Rope material:                     | Polyester   |



### SKYSAFE PRO TIE BACK

|                                    |   |
|------------------------------------|---|
| Part Number:                       | L-0571-1,8  |
| 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  |
| Maximum number of persons:         | 1 person  |
| Rated load:                        | 140 kg  |
| Size:                              | 1.8 m   |
| Weight:                            | 1.74 kg   |
| Carabiner on anchoring point side: | FS 90 ST ANSI   |
| Carabiner on belt side:            | KOBRA TRI   |
| Material:                          | Polyester, Polyamide, Steel   |
| Rope material:                     | Polyester, Polyamide  |



### SKYSAFE PRO TIE BACK

|                                    |   |
|------------------------------------|---|
| Part Number:                       | L-0598-1,8  |
| 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  |
| Maximum number of persons:         | 1 person  |
| Rated load:                        | 140 kg  |
| Size:                              | 1.8 m   |
| Weight:                            | 1.33 kg   |
| Carabiner on anchoring point side: | SNAP HOOK 23kN  |
| Carabiner on belt side:            | SNAP HOOK 23kN  |
| Material:                          | Polyester, Polyamide, Steel   |
| Rope material:                     | Polyester, Polyamide  |



### SKYSAFE PRO TIE BACK

|                                    |   |
|------------------------------------|---|
| Part Number:                       | L-0574-1,8  |
| 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  |
| Maximum number of persons:         | 1 person  |
| Rated load:                        | 140 kg  |
| Size:                              | 1.8 m   |
| Weight:                            | 1.15 kg   |
| Carabiner on anchoring point side: | SNAP HOOK 23kN  |
| Carabiner on belt side:            | KOBRA TRI   |
| Material:                          | Polyester, Polyamide, Steel   |
| Rope material:                     | Polyester, Polyamide  |



### BFD FLEX

|                                    |   |
|------------------------------------|---|
| Part Number:                       | L-0420-1,5                                  |
| Standards:                         | CNB/P/11.063:2014, EN 354:2010, EN 355:2002 |
| Maximum lifetime:                  | 10 years                                    |
| Maximum number of persons:         | 1 person                                    |
| Rated load:                        | 140 kg                                      |
| Size:                              | 1.5 m                                       |
| Weight:                            | 1.45 kg                                     |
| Carabiner on anchoring point side: | FS 90 ST                                    |
| Carabiner on belt side:            | FS 51 ST                                    |
| Material:                          | Polyamide, Polyester, Steel                 |
| Rope material:                     | Polyester                                   |



### SKYSAFE PRO ADJUSTABLE I

|                                    |   |
|------------------------------------|---|
| Part Number:                       | L-0641-1,8  |
| Standards:                         | EN 354:2010, EN 355:2002, EN 795:2012, RFU PPE-R/11.063, RFU PPE-R/11.074 |
| Maximum lifetime:                  | 10 years  |
| Maximum number of persons:         | 1 person  |
| Rated load:                        | 140 kg  |
| Size:                              | 1.2 - 1.8 m   |
| Weight:                            | 1.8 kg  |
| Carabiner on anchoring point side: | FS 90 ST ANSI   |
| Carabiner on belt side:            | KOBRA TRI   |
| Material:                          | Polyester, Polyamide, Steel   |
| Rope material:                     | Polyester, Polyamide  |

## Twin-Leg Lanyards



### BFD Y SK12

|              |                                   |
|--------------|-----------------------------------|
| Part Number: | L-0103-1, L-0103-1,5 and L-0103-2 |
| Standards:   | EN 354, EN 355:2002               |

|                                    |                              |
|------------------------------------|------------------------------|
| Maximum lifetime:                  | 10 years                     |
| Maximum number of persons:         | 1 person                     |
| Rated load:                        | 140 kg                       |
| Size:                              | 1 m, 1.5 m and 2 m           |
| Weight:                            | 1.88 kg, 2.16 kg and 2.03 kg |
| Carabiner on anchoring point side: | FS 64 ALU                    |
| Carabiner on belt side:            | STAK TRI                     |
| Material:                          | Polyamide, Aluminium         |
| Rope material:                     | Polyamide                    |



### BFD Y SK12

|              |                     |
|--------------|---------------------|
| Part Number: | L-0209-1,5          |
| Standards:   | EN 354, EN 355:2002 |

|                                    |                      |
|------------------------------------|----------------------|
| Maximum lifetime:                  | 10 years             |
| Maximum number of persons:         | 1 person             |
| Rated load:                        | 140 kg               |
| Size:                              | 1.5 m                |
| Weight:                            | 3.06 kg              |
| Carabiner on anchoring point side: | FS 92                |
| Carabiner on belt side:            | FS 51 ST             |
| Material:                          | Polyamide, Aluminium |
| Rope material:                     | Polyamide            |



### BFD Y SK12

|              |                         |
|--------------|-------------------------|
| Part Number: | L-0117-1,5 and L-0117-2 |
| Standards:   | EN 354, EN 355:2002     |

|                                    |                    |
|------------------------------------|--------------------|
| Maximum lifetime:                  | 10 years           |
| Maximum number of persons:         | 1 person           |
| Rated load:                        | 140 kg             |
| Size:                              | 1.5 m and 2 m      |
| Weight:                            | 2.3 kg and 2.38 kg |
| Carabiner on anchoring point side: | FS 90 ST           |
| Carabiner on belt side:            | FS 51 ST           |
| Material:                          | Polyamide, Steel   |
| Rope material:                     | Polyamide          |



### 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                    |
| Maximum number of persons:         | 1 person                    |
| Rated load:                        | 140 kg                      |
| Size:                              | 1.5 m                       |
| Weight:                            | 2.26 kg                     |
| Carabiner on anchoring point side: | FS 90 ST                    |
| Carabiner on belt side:            | FS 51 ST                    |
| Material:                          | Polyamide, Polyester, Steel |
| Rope material:                     | Polyester                   |



### SKYSAFE PRO TIE BACK Y

|              |   |
|--------------|---|
| 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                    |
| Maximum number of persons:         | 1 person                    |
| Rated load:                        | 140 kg                      |
| Size:                              | 1.8 m                       |
| Weight:                            | 2.72 kg                     |
| Carabiner on anchoring point side: | FS 90 ST ANSI               |
| Carabiner on belt side:            | KOBRA TRI                   |
| Material:                          | Polyester, Polyamide, Steel |
| Rope material:                     | Polyester, Polyamide        |



### SKYSAFE PRO TIE BACK Y

|              |   |
|--------------|---|
| Part Number: | L-0578-1,8  |
| 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                    |
| Maximum number of persons:         | 1 person                    |
| Rated load:                        | 140 kg                      |
| Size:                              | 1.8 m                       |
| Weight:                            | 1.58 kg                     |
| Carabiner on anchoring point side: | SNAP HOOK 23kN              |
| Carabiner on belt side:            | KOBRA TRI                   |
| Material:                          | Polyester, Polyamide, Steel |
| Rope material:                     | Polyester, Polyamide        |



### SKYSAFE PRO FLEX Y

|              |   |
|--------------|---|
| 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         |
| Maximum number of persons:         | 1 person         |
| Rated load:                        | 140 kg           |
| Size:                              | 1.8 m            |
| Weight:                            | 2 kg             |
| Carabiner on anchoring point side: | FS 90 ST         |
| Carabiner on belt side:            | KOBRA TRI        |
| Material:                          | Polyester, Steel |
| Rope material:                     | Polyester        |



### SKYSAFE PRO TIE BACK Y ROPE

|              |   |
|--------------|---|
| Part Number: | L-0698-1,5  |
| Standards:   | EN 354:2010, EN 355:2002, EN 795:2012, RFU PPE-R/11.063, RFU PPE-R/11.074 |

|                                    |                                 |
|------------------------------------|---------------------------------|
| Maximum lifetime:                  | 10 years                        |
| Maximum number of persons:         | 1 person                        |
| Rated load:                        | 140 kg                          |
| Size:                              | 1.5 m                           |
| Weight:                            | 2.59 kg                         |
| Carabiner on anchoring point side: | FS 90 ALU                       |
| Carabiner on belt side:            | STAK TRI                        |
| Material:                          | Polyamide, Polyester, Aluminium |
| Rope material:                     | Polyamide                       |





|                                    |   |
|------------------------------------|---|
| <b>SKYSAFE PRO ADJUSTABLE Y</b>    |   |
| 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  |
| Maximum number of persons:         | 1 person  |
| Rated load:                        | 140 kg  |
| Size:                              | 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:                          | Polyester, Polyamide, Steel   |
| Rope material:                     | Polyester, Polyamide  |



|                                    |   |
|------------------------------------|---|
| <b>SKYSAFE PRO ADJUSTABLE I</b>    |   |
| 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  |
| Maximum number of persons:         | 1 person  |
| Rated load:                        | 140 kg  |
| Size:                              | 1.8 m   |
| Weight:                            | 1.85 kg   |
| Carabiner on anchoring point side: | FS 90 ALU   |
| Carabiner on belt side:            | STAK TRI  |
| Material:                          | Polyester, Aluminium  |
| Rope material:                     | Polyester   |



|                                    |   |
|------------------------------------|---|
| <b>SKYSAFE PRO TIE BACK Y</b>      |   |
| Part Number:                       | L-0579-1,8  |
| 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  |
| Maximum number of persons:         | 1 person  |
| Rated load:                        | 140 kg  |
| Size:                              | 1.2 - 1.8 m   |
| Weight:                            | 1.8 kg  |
| Carabiner on anchoring point side: | SNAP HOOK 23kN  |
| Carabiner on belt side:            | SNAP HOOK 23kN  |
| Material:                          | Polyester, Polyamide, Steel   |
| Rope material:                     | Polyester, Polyamide  |



|                                    |   |
|------------------------------------|---|
| <b>SKYSAFE PRO ADJUSTABLE I</b>    |   |
| Part Number:                       | L-0558-1,8  |
| 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  |
| Maximum number of persons:         | 1 person  |
| Rated load:                        | 140 kg  |
| Size:                              | 1.8 m   |
| Weight:                            | 2.59 kg   |
| Carabiner on anchoring point side: | FS 64 ALU   |
| Carabiner on belt side:            | KOBRA AL TRI  |
| Material:                          | Polyester, Aluminium  |
| Rope material:                     | Polyester   |



|                                    |   |
|------------------------------------|---|
| <b>SKYSAFE PRO TIE BACK Y SEIL</b> |   |
| Part Number:                       | L-0784-1,8  |
| Standards:                         | EN 354:2010, EN 355:2002, EN 795:2012, RFU PPE-R/11.063, RFU PPE-R/11.074 |
| Maximum lifetime:                  | 10 years  |
| Maximum number of persons:         | 1 person  |
| Rated load:                        | 140 kg  |
| Size:                              | 1.8 m   |
| Weight:                            | 3.23 kg   |
| Carabiner on anchoring point side: | FS 90 ST ANSI   |
| Carabiner on belt side:            | STEEL D TRI   |
| Material:                          | Polyamide, Polyester, Steel   |
| Rope material:                     | Polyamide   |



|                                    |   |
|------------------------------------|---|
| <b>SKYSAFE PRO TIE BACK Y SEIL</b> |   |
| Part Number:                       | L-0580-1,8  |
| Standards:                         | EN 354:2010, EN 355:2002, EN 795:2012, RFU PPE-R/11.063, RFU PPE-R/11.074 |
| Maximum lifetime:                  | 10 years  |
| Maximum number of persons:         | 1 person  |
| Rated load:                        | 140 kg  |
| Size:                              | 1.8 m   |
| Weight:                            | 2.77 kg   |
| Carabiner on anchoring point side: | FS 90 ALU   |
| Carabiner on belt side:            | STAK TRI  |
| Material:                          | Polyamide, Polyester, Aluminium   |
| Rope material:                     | Polyamide   |

## Work Positioning Ropes



|                                    |                      |
|------------------------------------|----------------------|
| <b>ERGOG RIP SK12</b>              |                      |
| Part Number:                       | L-0030-2 và L-0030-3 |
| Standards:                         | EN 358:2018          |
| Maximum lifetime:                  | 10 years             |
| Maximum number of persons:         | 1 person             |
| Size:                              | 2 m và 3 m           |
| Weight:                            | 1,08 kg and 1,11 kg  |
| Carabiner on device:               | OVALOY TRI           |
| Khóa carabiner gắn trên dây thừng: | ATTACK               |
| Material:                          | Polyamide, Aluminium |
| Chất liệu dây:                     | Polyamide            |



|                                    |                  |
|------------------------------------|------------------|
| <b>ERGOG RIP SK12</b>              |                  |
| Part Number:                       | L-0031-2         |
| Standards:                         | EN 358:2018      |
| Maximum lifetime:                  | 10 years         |
| Maximum number of persons:         | 1 person         |
| Size:                              | 2 m              |
| Weight:                            | 1.25 kg          |
| Carabiner on device:               | STEEL D TRI      |
| Khóa carabiner gắn trên dây thừng: | STEEL D TRI      |
| Material:                          | Polyamide, Steel |
| Chất liệu dây:                     | Polyamide        |



|                                    |                      |
|------------------------------------|----------------------|
| <b>ERGOG RIP SK 12</b>             |                      |
| Part Number:                       | L-0205-2             |
| Standards:                         | EN 358:2018          |
| Maximum lifetime:                  | 10 years             |
| Maximum number of persons:         | 1 person             |
| Size:                              | 2 m                  |
| Weight:                            | 1.36 kg              |
| Carabiner on device:               | OVALOY TRI           |
| Khóa carabiner gắn trên dây thừng: | FS 90 ALU            |
| Material:                          | Polyamide, Aluminium |
| Rope material:                     | Polyamide            |



|                                    |                            |
|------------------------------------|----------------------------|
| <b>ERGOG RIP SK 12</b>             |                            |
| Part Number:                       | L-0259-2                   |
| Standards:                         | EN 358:2018                |
| Maximum lifetime:                  | 10 years                   |
| Maximum number of persons:         | 1 person                   |
| Size:                              | 2 m                        |
| Weight:                            | 1.28 kg                    |
| Carabiner on device:               | STEEL D TRI                |
| Khóa carabiner gắn trên dây thừng: | STEEL D TRI                |
| Material:                          | Polyamide, Thép, Aluminium |
| Rope material:                     | Polyamide                  |

## ERGOGRIP SK 12

|                            |                      |
|----------------------------|----------------------|
| Part Number:               | L-0277-2             |
| Standards:                 | EN 358:2018          |
| Maximum lifetime:          | 10 years             |
| Maximum number of persons: | 1 person             |
| Size:                      | 2m                   |
| Weight:                    | 1.36 kg              |
| Carabiner on device:       | passO-TRI            |
| Carabiner on rope:         | FS 90 ALU            |
| Material:                  | Polyamide, Aluminium |
| Rope material:             | Polyamide            |



## ERGOGRIP SK16

|                            |                      |
|----------------------------|----------------------|
| Part Number:               | L-0204-2             |
| Standards:                 | EN 358:2018          |
| Maximum lifetime:          | 10 years             |
| Maximum number of persons: | 1 person             |
| Size:                      | 2m                   |
| Weight:                    | 1.2 kg               |
| Carabiner on device:       | passO-TWIST          |
| Carabiner on rope:         | ATTACK               |
| Material:                  | Polyamide, Aluminium |
| Rope material:             | Polyamide            |



## ERGOGRIP SK 16

|                            |                             |
|----------------------------|-----------------------------|
| Part Number:               | L-0208-2                    |
| Standards:                 | EN 358:2018                 |
| Maximum lifetime:          | 10 years                    |
| Maximum number of persons: | 1 person                    |
| Size:                      | 1.2 - 1.8m                  |
| Weight:                    | 1.8 kg                      |
| Carabiner on device:       | STEEL D TRI                 |
| Carabiner on rope:         | KOBRA TRI                   |
| Material:                  | Polyamide, Steel, Aluminium |
| Rope material:             | Polyamide                   |



## ERGOGRIP SK 16

|                            |                             |
|----------------------------|-----------------------------|
| Part Number:               | L-0368-1,8                  |
| Standards:                 | EN 358:2018                 |
| Maximum lifetime:          | 10 years                    |
| Maximum number of persons: | 1 person                    |
| Size:                      | 1.2 - 1.8m                  |
| Weight:                    | 1.8 kg                      |
| Carabiner on device:       | STEEL D TRI                 |
| Carabiner on rope:         | FS 64 ALU                   |
| Material:                  | Polyamide, Steel, Aluminium |
| Rope material:             | Polyamide                   |



## Rope Grap

### SK4

|              |         |
|--------------|---------|
| Part Number: | L-0419  |
| Diameter     | 12 mm   |
| Material:    | Steel   |
| Weight:      | 0.65 kg |
| Rated load:  | 100 kg  |



### SKA

|              |                 |
|--------------|-----------------|
| Part Number: | L-0058-SK       |
| Diameter     | 12 - 16 mm      |
| Material:    | Stainless steel |
| Weight:      | 0.77 kg         |
| Rated load:  | 150 kg          |



### MAGIC

|                      |                                 |
|----------------------|---------------------------------|
| Part Number:         | L-0200                          |
| Standards:           | EN 353-2:2002                   |
| Maximum lifetime:    | 10 years                        |
| Diameter             | 12 mm                           |
| Size:                | 5 m   10 m   20 m   30 m   50 m |
| Carabiner on device: | KOBRA TRI                       |
| Carabiner on rope:   | KOBRA TRI                       |
| Material:            | Steel, Polyamide                |
| Rope material:       | Polyamide                       |



### SKN BFD SK11

|                      |                               |
|----------------------|-------------------------------|
| Part Number:         | L-0448                        |
| Standards:           | EN 353-2:2002                 |
| Maximum lifetime:    | 10 years                      |
| Diameter             | 12 mm                         |
| Size:                | 5 m   7 m   10m   15 m   20 m |
| Carabiner on device: | OVALSTEEL SC                  |
| Carabiner on rope:   | KOBRA TRI                     |
| Material:            | Steel, Polyamide              |
| Rope material:       | Polyamide                     |



### SKN BFD SK11

|                      |                    |
|----------------------|--------------------|
| Part Number:         | L-0529             |
| Standards:           | EN 353-2:2002      |
| Maximum lifetime:    | 10 years           |
| Diameter             | 12 mm              |
| Size:                | 10 m   20 m   30 m |
| Carabiner on device: | FS 51 ST           |
| Carabiner on rope:   | FS 90 ST ANSI      |
| Material:            | Steel, Polyamide   |
| Rope material:       | Polyamide          |



### SKN BFD SK11

|                      |                    |
|----------------------|--------------------|
| Part Number:         | L-0543             |
| Standards:           | EN 353-2:2002      |
| Maximum lifetime:    | 10 years           |
| Diameter             | 12 mm              |
| Size:                | 10 m   20 m   30 m |
| Carabiner on device: | FS 51 ST           |
| Carabiner on rope:   | KOBRA TRI          |
| Material:            | Steel, Polyamide   |
| Rope material:       | Polyamide          |



### ERGOGRIP SK 16

|                      |  |
|----------------------|--|
| Part Number:         | L-0280                                 |
| Standards:           | EN 353-2:2002                          |
| Maximum lifetime:    | 10 years                               |
| Diameter             | 12 mm                                  |
| Size:                | 5 m   10 m   15 m   20 m   25 m   30 m |
| Carabiner on device: | FS 90 ST                               |
| Carabiner on rope:   | FS 51 ST                               |
| Material:            | Steel, Polyamide                       |
| Rope material:       | Polyamide                              |



### SK12 KOBRA TRI / E

|                      |                                  |
|----------------------|----------------------------------|
| Part Number:         | L-0084                           |
| Standards:           | EN 353-2:2002                    |
| Maximum lifetime:    | 10 years                         |
| Diameter             | 12 mm                            |
| Size:                | 20 m   30 m   40 m   50 m   60 m |
| Carabiner on device: |                                  |
| Carabiner on rope:   | KOBRA TRI                        |
| Material:            | Steel, Polyamide                 |
| Rope material:       | Polyamide                        |



## PEANUT

### Self Retracting Lifeline

The PEANUT range of ultra-compact retractable lanyard devices, like the SKYSAFE PRO range of lanyards is already equipped with the One-4-All shock absorber.

Key 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. (NOTE: Recommends ALL fall arrest product be anchored at shoulder height or above as a „BEST PRACTICE“)
- Certified & suitable for use in tasks involving Elevating Work Platforms (EWP)

The PEANUT range of RETRACTABLE LANYARDS is compliant with AS/NZS 1891.3 TYPE 2 devices.



### Single-Leg Self Retracting Lifeline



| Part No.      | Rated Load | Connector Harness  | Connector Anchorage   | Weight | Length |
|---------------|------------|--------------------|-----------------------|--------|--------|
| HSG-021-1,8-1 | 135 kg     | Tie-back Carabiner | Aluminium Rebar Hook  | 1.4 kg | 1.8 m  |
| HSG-021-2,5-1 | 135 kg     | Tie-back Carabiner | Aluminium Rebar Hook  | 1.5 kg | 2.5 m  |
| HSG-021-1,8-2 | 135 kg     | Tie-back Carabiner | Aluminium Rebar Hook  | 1.9 kg | 1.8 m  |
| HSG-021-2,5-2 | 135 kg     | Tie-back Carabiner | Aluminium Rebar Hook  | 2.0 kg | 2.5 m  |
| HSG-021-1,8-3 | 135 kg     | Tie-back Carabiner | Flat Steel Rebar Hook | 1.6 kg | 1.8 m  |
| HSG-021-2,5-3 | 135 kg     | Tie-back Carabiner | Flat Steel Rebar Hook | 1.7 kg | 2.5 m  |
| HSG-021-1,8-4 | 135 kg     | Tie-back Carabiner | Flat Steel Rebar Hook | 1.9 kg | 1.8 m  |
| HSG-021-2,5-4 | 135 kg     | Tie-back Carabiner | Flat Steel Rebar Hook | 2.0 kg | 2.5 m  |
| HSG-021-1,8-5 | 135 kg     | Tie-back Carabiner | Flat Steel Rebar Hook | 1.9 kg | 1.8 m  |
| HSG-021-2,5-5 | 135 kg     | Tie-back Carabiner | Flat Steel Rebar Hook | 1.9 kg | 2.5 m  |
| HSG-021-1,8-6 | 135 kg     | Tie-back Carabiner | Aluminium Rebar Hook  | 1.7 kg | 1.8 m  |
| HSG-021-2,5-6 | 135 kg     | Tie-back Carabiner | Aluminium Rebar Hook  | 1.8 kg | 2.5 m  |

### Twin-Leg Self Retracting Lifeline



| Part No.      | Rated Load | Connector Harness  | Connector Anchorage   | Weight | Length |
|---------------|------------|--------------------|-----------------------|--------|--------|
| HSG-022-1,8-1 | 135 kg     | Tie-back Carabiner | Aluminium Rebar Hook  | 2.0 kg | 1.8 m  |
| HSG-022-2,5-1 | 135 kg     | Tie-back Carabiner | Aluminium Rebar Hook  | 2.1 kg | 2.5 m  |
| HSG-022-1,8-2 | 135 kg     | Tie-back Carabiner | Aluminium Rebar Hook  | 3.1 kg | 1.8 m  |
| HSG-022-2,5-2 | 135 kg     | Tie-back Carabiner | Aluminium Rebar Hook  | 3.2 kg | 2.5 m  |
| HSG-022-1,8-3 | 135 kg     | Tie-back Carabiner | Flat Steel Rebar Hook | 2.2 kg | 1.8 m  |
| HSG-022-2,5-3 | 135 kg     | Tie-back Carabiner | Flat Steel Rebar Hook | 2.9 kg | 2.5 m  |
| HSG-022-1,8-4 | 135 kg     | Tie-back Carabiner | Flat Steel Rebar Hook | 1.9 kg | 1.8 m  |
| HSG-022-2,5-4 | 135 kg     | Tie-back Carabiner | Flat Steel Rebar Hook | 2.0 kg | 2.5 m  |
| HSG-022-1,8-5 | 135 kg     | Tie-back Carabiner | Flat Steel Rebar Hook | 2.8 kg | 1.8 m  |
| HSG-022-2,5-5 | 135 kg     | Tie-back Carabiner | Flat Steel Rebar Hook | 2.9 kg | 2.5 m  |

## 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.

- 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 | Max Number Of Persons | Cable Material | Rated Load | Fall Indicator | Weight  | Size |
|-------------|-------------------|-----------------------|----------------|------------|----------------|---------|------|
| HSG-050-03  | 10 years          | 1                     | Steel          | 140 kg     | Yes            | 2.83 kg | 3 m  |
| HSG-050-04  | 10 years          | 1                     | Steel          | 140 kg     | Yes            | 2.93 kg | 4 m  |
| HSG-050-05  | 10 years          | 1                     | Steel          | 140 kg     | Yes            | 3.03 kg | 5 m  |
| HSG-050-06  | 10 years          | 1                     | Steel          | 140 kg     | Yes            | 3.7 kg  | 6 m  |
| HSG-050-10  | 10 years          | 1                     | Steel          | 140 kg     | Yes            | 4.1 kg  | 10 m |
| HSG-050-15  | 10 years          | 1                     | Steel          | 140 kg     | Yes            | 7.32 kg | 15 m |

# Carabiner & Anchorages





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## Carabiner

|   |   |   |   |   |   |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| EN 12275-B:2013,<br>EN 362-B:2004, UIAA 121                                       | EN 12275-B:2013,<br>EN 362-B:2004   | EN 12275-B:2013,<br>EN 362-B:2004, UIAA 121                                       | EN 12275-B:2013,<br>EN 362-B:2004, UIAA 121                                       | EN 362-B:2004   | EN 362-B:2004   |
| 0+ 0 0+   | 0+ 0 0+   | 0+ 0 0+   | 0+ 0 0+   | 0+ 0 0+   | 0+ 0 0+   |
| 24 kN   9 kN   7 kN   | 25 kN   9 kN   8 kN   | 22 kN   10 kN   7 kN  | 24 kN   9 kN   7 kN   | 25 kN   -   -   | 25 kN   -   -   |
| 95 x 58 mm  | 109 x 57 mm   | 112 x 76,5 mm   | 95 x 58 mm  | 108 x 58 mm   | 108 x 58 mm   |
| Screw   | Screw   | Screw   | Screw   | Screw   | Screw   |
| 17 mm   | 17 mm   | 27 mm   | 17 mm   | 19 mm   | 19 mm   |
| 0.08 kg   | 0.16 kg   | 0.08 kg   | 0.06 kg   | 0.12 kg   | 0.09 kg   |
| <b>H-253</b>  | <b>H-037</b>  | <b>H-137-SC-03</b>  | <b>H-248</b>  | <b>H-036-PK</b>   | <b>H-036</b>  |

|   |   |   |   |   |   |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| EN 12275-B:2013,<br>EN 362-B:2004, UIAA 121                                       | EN 12275-B:2013,<br>EN 362-B:2004   | EN 12275-B:2013,<br>EN 362-B:2004, UIAA 121                                       | EN 362-B:2004   | EN 12275-B:2013,<br>EN 362-B:2004, UIAA 121   | EN 12275-B:2013,<br>EN 362-B:2004, UIAA 121   |
| 0+ 0 0+   | 0+ 0 0+   | 0+ 0 0+   | 0+ 0 0+   | 0+ 0 0+   | 0+ 0 0+   |
| 22 kN   10 kN   7 kN  | 41 kN   -   -   | 22 kN   9 kN   7 kN   | 25 kN   -   -   | 28 kN   12 kN   10 kN   | 24 kN   9 kN   7 kN   |
| 112 x 76.5 mm   | 110 x 67 mm   | 112 x 76,5 mm   | 110 x 60 mm   | 120 x 80 mm   | 95 x 58 mm  |
| Twistlock   | Twistlock   | Twistlock   | Trilock   | Trilock   | Trilock   |
| 30 mm   | 20 mm   | 29 mm   | 19 mm   | 28 mm   | 17 mm   |
| 0.08 kg   | 0.26 kg   | 0.08 kg   | 0.08 kg   | 0.08 kg   | 0.06 kg   |
| <b>H-137-TW</b>   | <b>H-037</b>  | <b>H-163-PL-AN</b>  | <b>H-069</b>  | <b>H-254</b>  | <b>H-036</b>  |









## Anchorages









|   |   |  |   |
|---|---|--|---|
|  |  |  |      |
| <b>LOOP SEP 40 kN</b>   | <b>LOOP SEP 40 kN</b>   | <b>CAB HERCULES S 12</b>   | <b>LOOP 35 kN</b>   |
| EN 354:2010, EN 795-B:2012  | EN 354:2010, EN 795-B:2012  | EN 795-B:2012  | ANSI/ASSE Z359.18-2017,<br>CSA Z259.15-17 ED., EN 354:2010,<br>EN 566:2017, EN 795-B:2012 |
| 40 kN   | 40 kN   | 22 kN  | 35 kN   |
| Polyester   | Polyester   | Stainless Steel, Polypropylene   | Polyamide   |
| 0.47 kg   0.7 kg   0.89 kg  | 0.28 kg   0.46 kg   0.67 kg   | 1 m   2 m  | 1 m   1.2 m   1.5 m   |
| 0.75m   1.35 m   2 m  | 0.75m   1.35 m   2 m  | 1 m   2 m  | 1 m   1.2 m   1.5 m   |
| <b>L-0410</b>   | <b>L-0321</b>   | <b>L-001</b>   | <b>L-0010-GE</b>  |

|   |   |  |   |
|---|---|--|---|
|  |  |  |  |
| <b>LOOP 26 kN</b>   | <b>BEAMSTRAP 25kN</b>   | <b>BEAMTAC 2.0</b>   | <b>JAMBTAC</b>  |
| EN 354:2010, EN 566:2017,<br>EN 795:2012/B  | EN 795-B:2012   | ANSI/ASSE Z359.18-2017,<br>CEN/TS 16415:2017, EN 795/B:2012                          | CEN/TS 16415:2013, EN 795-B:2012  |
| 26 kN   | 25 kN   | Aluminium  | Aluminium   |
| Polyamide   | Polyester, Steel  | Aluminium  | Aluminium   |
| 0.12 kg   0.14 kg   | 0.91 kg   | 2.22 kg  | 7.64 kg   |
| 1.2 m   1.5 m   | 1 m   1.5 m   2 m   | 90 - 380 mm  | 600 - 1100 mm   |
| <b>L-0008</b>   | <b>L-0647</b>   | <b>AP-075</b>  | <b>AP-070-1</b>   |

|   |   |  |   |
|---|---|--|---|
|              |  |  |  |
|   | <b>SIRIUS</b>   | <b>SPARK</b>   | <b>LORY</b>   |
| <b>S</b> EN 12841-C:2006, EN 341:2011   | ANSI Z359.4:2013, EN 12841-C:2006, EN 15151-1:2012, EN 341-2A:2011                | EN 12841-C:2006, EN 15151-1:2012, EN 341-2A:2011                                   | EN 12841-C:2006, EN 15151-1:2012, EN 341-2A:2011                                    |
|  210 kg      | 250 kg  | 250 kg   | 225 kg  |
|  2 persons   | 2 persons   | 2 persons  | 2 persons   |
|  2.00 m/s    | 2.00 m/s  | 2.00 m/s   | 2.00 m/s  |
|  10 - 11 mm  | 10 - 12 mm  | 10 - 12 mm   | 8.9 - 12 mm   |
|  87 x 179 mm | 47 x 79 x 175 mm  | 47 x 79 x 175 mm   | 134 x 71.5 x 35.5 mm  |
|  0.53 kg     | 0.51 kg   | 0.51 kg  | 0.39 kg   |
| <b>art no</b> A-060   | A-050   | A-056  | A-040   |

|  |   |  |   |
|--|---|--|---|
|                         |  |  |  |
| <b>LORY PRO</b>  | <b>MARK 1 PLUS</b>  | <b>MARK 8</b>  | <b>MARK 8 RESCUE</b>  |
| <b>S</b> EN 12841-C:2006, EN 15151-1:2012, EN 341-2A:2011, EN 795/B:2012                                 | EN 12841-C:2006, EN 341-2A:2011   |  | EN 15151-2:2012   |
|  310 kg               | 200 kg  | 35 kg  | 40 kg   |
|  2 persons            | 2 persons   | 1 persons  | 1 persons   |
|  2.00 m/s             | 2.00 m/s  | 2.00 m/s   | 2.00 m/s  |
|  10 - 12 mm           | 9 - 12 mm   | 8.6 - 10.5 mm  | 8.7 - 13 mm   |
|  134 x 71.5 x 35.5 mm | 205 x 34 x 85 mm  | 146 x 76 mm  | 172 x 172 mm  |
|  0.39 kg              | 0.43 kg   | 0.13 kg  | 0.24 kg   |
| <b>art no</b> A-041  | A-031   | A-008  | A-009   |

|   |   |   |   |   |   |
|---|---|---|---|---|---|
|                  |  |  |  |  |  |
| <b>CHEST</b>  | <b>HOIST FIX</b>  | <b>LIFT FIX L</b>   | <b>LIFT FIX R</b>   | <b>RINGO</b>  | <b>GET UP</b>   |
| <b>S</b> EN 12841-B:2006, EN 567:2013   | EN 12841-B:2006, EN 567:2013  | EN 12841-B:2006, EN 567:2013  | EN 12841-B:2006, EN 567:2013  |   | EN 12841-B:2006, EN 567:2013, UIAA 126:2018   |
|  118 x 79 x 30mm | 104 x 75 x 30 mm  | 203 x 90 x 28 mm  | 203 x 90 x 28 mm  | 18 x 40 x 70 mm   | 129 x 66 x 122 mm   |
|  0.14 kg         | 0.14 kg   | 2.05 kg   | 2.24 kg   | 0.05 kg   | 0.12 kg   |
| <b>art no</b> H-058   | H-063-03  | H-064-L   | H-064-R   | H-205   | H-210   |

|  |   |   |   |   |   |
|--|---|---|---|---|---|
|             |  |  |  |  |  |
| <b>ROLL N' LOCK</b>  | <b>QUICK STEP-A LEFT</b>  | <b>QUICK-ROLL LEFT</b>  | <b>QUICK-ROLL RIGHT</b>   | <b>DUAL CAM WIRE</b>  | <b>SKR-2</b>  |
| <b>S</b> EN 12278:2007, EN 567:2013  |   | EN 12841-B, EN 567:2013   | EN 12841-B, EN 567:2013   |   | EN 12841-A:2006, EN 353-2:2002  |
|  68 x 35 mm | 83 x 65 mm  | 189 x 93 mm   | 189 x 93 mm   | 0.46 kg   | 0.32 kg   |
|  0.08 kg    | 0.17 kg   | 0.26 kg   | 0.26 kg   |   |   |
| <b>art no</b> H-225  | G-1161  | H-221   | H-220   | H-155   | G-1161  |

## MILAN 2.0



For more than decade, MILAN has served as standard rescue equipment in many areas. The reinforced brake is controlled centrifugally; it keeps the speed constant during the entire descent and permits a quick and safe rescue. The brake shaft is mounted on ball bearings on both sides. The housing is constructed of milled aircraft grade aluminium which makes MILAN 2.0 the most robust equipment in the world. This is what allows rescue techniques such as rescue support in lattice mast structures. A seal reveals whether the MILAN 2.0 has been opened without authorisation. The MILAN 2.0 is certified under international standards and special regulations to be used on vessels and offshore structures, e.g.

- Part number: A-027
- Abseiling height: 500 m
- Abseiling speed: 0,9 m/s
- Max. number of person: 2 người
- Rated load: 260 kg
- Weight: 2.31 kg
- Material: Nhôm, thép, polyamide
- Standards: EN 341-1A:2011

## MILAN 2.0 HUB



MILAN 2.0 HUB is equipped with a lifting function. Therefore, it is possible to lift a casualty first over a short distance to release the fasteners and then lower the person safely; the new housing design improves handling during accompanied rescue. The SUPERSTATIC 9.0 continues to meet this requirement with only 9 mm in diameter. Compared to devices with 10.5 mm ropes, the pack size remains small when using the MILAN 2.0 HUB. This is a big advantage especially at great heights.

- Part number: A-028
- Abseiling height: Lên đến 500 m
- Abseiling speed: 0,9 m/s
- Max. number of person: 2 người
- Rated load: 260 kg
- Weight: 3.19 kg
- Material: Nhôm, thép, polyamide
- Standards: EN 1496-A:2017, EN 341-1A:2011

## MILAN 2.0 POWER



The MILAN 2.0 POWER - RESCUE & EVACUATION KITS are the ideal tool for all work sites where an emergency evacuation or rescue may be required. Evacuation or rescue may need to be conducted at height or from a confined space. The MILAN 2.0 Power kits, combined with a Rescue Device Driver (RDD) will enable a swift, simple evacuation or rescue of stranded or injured workers from the work site. Consult your SKYLOTEC Technical Sales Specialist for guidance on the right kit for your needs & any further accessories & training requirements to ensure the rescue teams competence.



### SEAL PAC

All rescue devices must be inspected on an annual basis - even unused devices stored for emergencies. With the SEAL PAC, this regular inspection becomes easier. The MILAN is stored in a sealed metal box. An authorized inspector opens the sealed box once a year and checks the moisture indicator on the MILAN packaging and it's perfect condition. If everything is all right, the inspector marks month and year of the next inspection, signs, and seals the metal box with a new seal. Saving costs and time with controlled safety are the essential advantage of the SEAL PAC. Operation time 10 years.

### RDD für MILAN 2.0 POWER



The RESCUE DEVICE DRIVER (RDD) is a specially modified battery-operated driver for the MILAN 2.0 POWER. It is powered by a Li-Ion battery. With a fully charged battery, you can cover ascents of up to 60 metres carrying 100 kilograms. For rescue situations, weights of up to 280 kilograms can be lifted. The RDD is only for use in combination with the MILAN 2.0 POWER rescue device and the supplied MILAN 2.0 POWER BATTERY.



## TELESCOPE

Telescopic rod extendable to a maximum of 6.25 meters, which serves to attach a karabiner to an unreachable anchor point.

- Part number: ACS-0069-6/9
- Size: Max 6,25m
- Weight: 2.21 kg
- Material: Aluminium



## TELESKOPIC

Light weight Telescopic extension pole that extends from 85cm to 350cm .

- Part number: ACS-AUS-0915
- Weight: 0.96 kg



## H-015-KUP

Carabiner hook with coupling for telescopic bar

- Inner eyelet: 29 mm
- Breaking load, major axis: 20 kN
- Max. opening: 60 mm
- Size: 238 x 117mm
- Weight: 0.75 kg
- Locking system: One-Hand
- Material: Aluminium



## TELESTICK

Telescopic extension from 63cm to 310cm.

- Partnumber: ACS-0070-01
- Size: T6i đa 310 cm
- Weight: 0.61 kg



## BAG

### DRYBAG ECO

- Part Number: ACS-0088-L
- Material: Polyurethane
- Size: L
- Weight: 0.4 kg



### EQUIPMENT BAG

- Part Number: ACS-0020
- Material: Polyamide
- Size: 170 x 170 x 300mm
- Weight: 0.12 kg



### ROPEBAG

- Part Number: ACS-0112
- Material: Polyamide
- Size: 400 x 250 x 250mm
- Weight: 0.46 kg



### Duffle L

- Part Number: ACS-0176-OR
- Material: Nylon
- Size: L
- Weight: 1.4 kg



## PERISROP U

- Part Number: H-075
- Material: Stainless Steel, Steel
- Weight: 1.47 kg



## PERISROP 3 OVALSTEEL

- Part Number: H-056
- Material: Polyamide, Stainless Steel, Steel
- Weight: 1.05 kg





## ActSafe ACX Power Ascender

The ACX battery-powered winch 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.

- Simplifies and accelerates work on structures that are difficult to access
- Gentle application
- Control by remote control up to 150 m

## ActSafe RCX

The battery-powered ActSafe RCX rope winch 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.

- Simplifies and accelerates work during rescue operations
- 0-24 m/minute at 250 kg, IP67 standard
- Variable rope grab system

### ActSafe ACX Remote Control

|             |             |
|-------------|-------------|
| Part number | POA-003     |
| Control     | Up to 150 m |
| Weight      | 0.25 kg     |
| Material    | Nylon       |



### ActSafe Replacement Battery

|             |             |
|-------------|-------------|
| Part number | POA-002     |
| Time        | 90 min      |
| Weight      | 2.50 kg     |
| Material    | Lithium-Ion |



## 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 laser markings 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

# Pulley & Accessories

www.panindochina.com.vn

## PULLEYS

Rope pulleys are essential for routine operations involving the rescue and transportation of persons. Rope friction is reduced and the transported load is moved more easily by means of pulley blocks

SKYLOTEC rope pulleys are fitted with ball bearings and are made of aluminium. All pulleys comply with EN 12278 and UIAA 127 and are manufactured in the EEC. High quality is also reflected in their design. The mould design ensures minimal material use and lightweight design of the rope pulley.

|| H-070



|| H-099



|| H-072



|| H-068



|| H-093



|| H-200



|| H-201



|| H-202



|| H-203



|| H-267



|| H-277



| Part # | Description      | Material                   | Hole Diameter | Minimum Tensile Strength | Size            | Weight  |
|--------|------------------|----------------------------|---------------|--------------------------|-----------------|---------|
| H-068  | DOUBLE ROLL 2L   | Aluminium, Stainless Steel | 13 mm         | 50 kN                    | 152 x 70mm      | 0.35 kg |
| H-070  | MINI ROLL        | Aluminium, Stainless Steel | 13 mm         | 22 kN                    | 74 x 44mm       | 0.11 kg |
| H-072  | STANDARD ROLL 2L | Aluminium, Stainless Steel | 13 mm         | 32 kN                    | 147 x 70 x 27mm | 0.21 kg |
| H-099  | MINI ROLL CAGE   | Aluminium, Stainless Steel | 13 mm         | 22 kN                    | 82 x 45 x 30mm  | 0.09 kg |
| H-093  | INLINE ROLL      | Aluminium, Stainless Steel | 13 mm         | 25 kN                    | 80 x 114 x 32mm | 0.29 kg |
| H-200  | POLLUX           | Aluminium, Stainless Steel | 13 mm         | 36 kN                    | 130 x 80 x 35mm | 0.29 kg |
| H-201  | CASTOR           | Aluminium, Stainless Steel | 14 mm         | 36 kN                    | 170 x 80 x 35mm | 0.31 kg |
| H-202  | CASTOR DOUBLE    | Aluminium, Stainless Steel | 14 mm         | 48 kN                    | 170 x 80 x 60mm | 0.54 kg |
| H-203  | DAREOS           | Aluminium, Stainless Steel | 14 mm         | 30 kN                    | 85 x 50 x 32mm  | 0.11 kg |
| H-267  | UP LOCK          | Aluminium, Stainless Steel | 11 mm         |                          | 61 x 89 x 44 mm | 0.18 kg |
| H-277  | ORBITER H        | Aluminium, Stainless Steel | 13 mm         | 45 kN                    | 70 x 139 x 78mm | 0.47 kg |

## ACCESSORIES



### INCEPTOR GRX

- Part Number: BE-390
- Standards: EN 12492:2012, EN 397:2012+A1:2012
- Size: 54-63 cm
- Weight: 0.47 kg
- Material: Acrylonitrile butadiene styrene, Polycarbonat, Polyester, Polystyrene
- Color: White, Red, Orange



### INCEPTOR GRX REF

- Part Number: BE-391
- Standards: EN 12492:2012, EN 397:2012+A1:2012
- Size: 54-63 cm
- Weight: 0.47 kg
- Material: Acrylonitrile butadiene styrene, Polycarbonat, Polyester, Polystyrene
- Color: Orange



### INCEPTOR GRX HIGH VOLTAGE

- Part Number: BE-392
- Standards: EN 397:2012, EN 50365:2002 1000V A. C., MEETS PARTL.EN12492:2012
- Size: 54-63 cm
- Weight: 0.47 kg
- Material: Acrylonitrile butadiene styrene, Polycarbonat, Polyester, Polystyrene
- Color: White, Orange

## SUSPENSION RELIEF STRAPS

Suspension Relief Straps should be ordered with each harness

- Part Number: ACS-0189
- Material: Polyamide, Steel
- Weight: 0.13 kg



## X-PAD



Made from mesh fabric and foam. Makes putting on the harness easier. Increases wearing comfort. For every harness.

- Part Number: ACS-0095
- Size: Unisize
- Weight: 0.4 kg

## SKYPARK PAD

With hook and loop fastener strips for easy attachment to harness.

- Part Number: ACS-0131-K
- Weight: 0.05 kg



## PYRIT

- Part Number: GSC-0155
- Standards: EN 12277-C:2016, UIAA 105
- Material: Aluminium, Polyamide, Polyester
- Size: L/XXL
- Weight: 0.25 kg



## SEAT TEC

The SEAT TEC is a robust and adjustable positioning seat developed for suspended working. Its broad and padded seat ensures maximum comfort and excellent stability.

- Part Number: G-0208
- Size: Unisize
- Material: Polyester, Polyamide, Aluminium



## RESC B

- Part Number: G-1042-B
- Size: Unisize
- Weight: 0.7 kg
- Material: Polyester
- Webbing Material: Polyester
- Standards: EN 1498-B:2006



## RESC B-HARNESS

- Part Number: G-1045
- Size: Unisize
- Weight: 0.4 kg
- Material: Polyester, Steel
- Webbing Material: Polyester
- Standards: ANSI Z359.4:2007, EN 1498-B



## XARRIER

- Part Number: G-1173
- Standards: EN 12277:2015/C+A1:2018, EN 358:2018, EN 813:2008
- Material: Aluminium, Polyamide, Polyester, Polyethylene, Steel
- Size: S/M, M/L, L/XL





## CONREST



### Sophisticated Design

Short, rigid construction and carrying straps enable fast rescue of accident victims

### Patient Fixation

The wide and strong pelvic strap, arm loops and head attachment protect against additional injury

### Solid Skid Plate

Sturdy and solid skid plate allows moving over edges or obstacles

- The most compact advanced rescue stretcher on the market.
- Stable skid plate and fasteners simplify rescue work.
- Clear colour system for fast handling.
- Foot cover allows the injured person's feet to be secured.
- One bag for everything: stretcher with skid plate, waist belt, head attachment, reflective strips, foot cover and lanyards including carabiners.

### FOOT COVER

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



Conrest makes it possible to rescue accident victims in places that cannot be reached with other stretchers. Its short design secures the spine, head, pelvis and arms with a particularly strong and stabilising webbing construction an additional foot cover secures the legs. The existing injuries are thus stabilised – and new ones prevented. Carrying straps on all sides enable the stretcher to be manoeuvred safely and quickly in all directions. CONREST is a long way ahead thanks to its compact dimensions and numerous additional features.



## 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: 2,178 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: 2,200 x 650 x 200 mm
- Rated load: 315 kg
- Max Service Life: 12 Years
- Weight: 12 kg
- Material: Polypropylene



## SAN-0089

### Ultrabelt "X-Treme"

Special 6-point harness for fast and secure fixation of the patient in extreme rescue situations. Even transport of the patient "head over" poses no problem.

- Max Service Life: 10 Years
- Weight: 1.8 kg
- Material: Polyester



## SAN-0284

### Ultra Headock

Head restraint set for fixation of the head on the spine board, or similar item.

- Weight: 1.0 kg
- Material: Acrylnitril-Butadien-Styrol

# Ropes

www.panindochina.com.vn

## 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

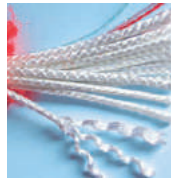
Primarily two categories of ropes are available: static ropes and dynamic ropes.

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.



Coated core rope, double plaited.



Coated core rope with twisted structure.



Twisted rope, 4-shaft



## 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 RESCUE                                | GORDON, ACX, SIRIUS, LORY, MARK 1 PLUS, MARK 8 RESCUE                                 | SIRIUS, LORY, MARK 1 PLUS, MARK 8 RESCUE  |
| 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   |

## 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.

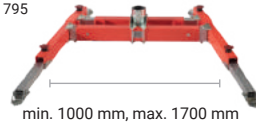
A simple plug-in mechanism allows quick and purposeful installation.



### PARTS

#### JACKPOD BASE PORTABLE

Portable Base  
JP-003-1  
Weight: 29.1 kg  
Material: Aluminium, Steel  
Standard: EN 795



min. 1000 mm, max. 1700 mm

#### Additional Base For Vertical Entry

#### JACKPOD BASE BOLT ON FLANGE

JP-003-2  
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



## JACKPOD TRI

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 2

JP-011-2

Tripod, tall  
With 3 deflection pulleys

- Weight: 23.8 kg
- Material: Alu, Steel
- Standard: EN 795



### JACKPOD TRI 1

JP-011-1

Tripod, small  
With 1 deflection pulley

- Weight: 16.7 kg
- Material: Alu, Steel
- Standard: EN 795



## JACKPOD WINCH

### JACKPOD WINCH 1

JP-008-1

18 m stainless steel cable and carabiner

- Weight: 14.0 kg
- Material: Steel, Synthetic
- Standards: EN 795/B:1998/A1:2001; EN 1496:2007



### JACKPOD WINCH 2

JP-008-2

45 m stainless steel cable and carabiner

- Weight: 18.0 kg
- Material: Steel, Synthetic
- Standards: EN 795/B:1998/A1:2001; EN 1496:2007

## AP-004 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 BAG

- Part number: ACS-0013
- Material: Polyester
- Size: 1750 mm
- Weight: 0.91 kg



### TRIBOC T WIND

- Part number: ACS-0036-15-T
- Material: Steel
- Size: 15 m
- Weight: 11.9 kg



### HSG HR 15



- Part number: HSG-004-15
- Material: Aluminium, Steel
- Size: 15 m
- Weight: 16.2 kg
- Standard: EN 1496-B, EN 360:2002
- Type Three SRL allows for EMERGENCY retrieval of a fallen worker
- Supplied with bracket to suit Tripod for Model HSG-004-15-T.

## OTHER

### SKYGRIP HalfFinger

- Part Number: BE-1001-920
- Size: S, M, L, XL
- Material: Nylon, Polyester, Polyurethane



### SKYGRIP FullFinger

- Part Number: BE-1000-920
- Size: S, M, L, XL
- Material: Nylon, Polyester, Polyurethane



### PHONE CABLE SHORT

- Part Number: ACS-0284-01
- Weight: 0.09 kg
- Material: Thermoplastic polyurethane



### LONG LEASH FLEX

- Part Number: ACS-0281
- Weight: 0.09 kg
- Material: Thermoplastic polyurethane



### MAG POUCH

- Part Number: ACS-0292
- Weight: 0.21 kg
- Material: Polyamide



### ADMIN POUCH

- Part Number: ACS-0294
- Weight: 0.11 kg
- Material: Polyamide



The SKYTAC climbing protection system is a follow-on fall arrest device on a fixed guide rail in accordance with EN 353-1. The system allows you to climb safely up or down to any height or depth on installed vertical ladders. The guide rail with a C profile is made from 3mm wide galvanized steel and the rungs have an extra zinc layer for better protection against corrosion.



## SPEED

To enhance the safety of users of the climbing protection system, SKYLOTEC has developed the SPEED, the a runner with two redundant brake systems and a catch function that works according to speed. The principle is simple: the lock system is hidden in the housing and is therefore protected against unwanted access. An additional lever means that SPEED works like a pull-back runner. The runner is short and so, therefore, is the fall distance. This makes it easier to climb and also reduces injuries caused during falls. In the event of a failure of the pull-back system, whether through misuse or unfortunate circumstances, the runner can only reach a maximum pre-set speed. If this speed is exceeded, the second safety catch independently kicks in: a centrifugal brake swings the lock system out and the runner is blocked.

|           |                  |
|-----------|------------------|
|           | TAC-0002         |
| Standards | EN 353-1:2014    |
| Weight    | 1.05 kg          |
| Materials | Aluminium, Steel |



## CLIMBING PROTECTION LADDER

Climbing safety ladder Climbing safety ladder, rungs with anti-skid surface

- Profile of the guide rail with coupling, without fixture: 50 x 30 mm
- Recommended mounting distance: 1,400 mm - max. 1,680 mm
- Rung distance: 280 mm
- Step width per side: 150 mm
- Maximum overhang: 8° (with SPEED capture device, more is also possible)

All system units are respectively delivered including required couplings. Available in lengths from 560mm up to 5600mm.



TAC-0010-560

|           |             |
|-----------|-------------|
| Materials | Steel       |
| Weight    | 3.31 kg / m |

## SPEED ATTACH

The SPEED ATTACH is a runner of the latest generation that can be attached and detached at any point of a C-profile, but comprises two redundant retention systems as usual. Construction and double locking mechanism also prevent reversed placement or opening under load. A green indicator shows secure locking at any time. Therefore, operating errors are virtually impossible. The runner is suitable for back-pull and drag operation. Solid aluminium housing, stainless steel axles and metal guide rollers ensure low wear. Even after a fall, the runner can still be reconditioned.

|           |                                   |
|-----------|-----------------------------------|
|           | TAC-0004                          |
| Standards | EN 353-1:2014                     |
| Weight    | 1.27 kg                           |
| Materials | Aluminium, Stainless Steel, Steel |



## CLAW



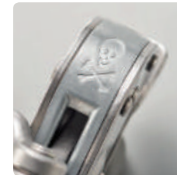
### Internal locking system

Internal mechanical locking system: guarantees correct attachment on the cable



### Mechanical locking system

External mechanical locking system: prevents unintentional opening by pressing



### Symbol

Engraved symbol: ensures correct handling in every situation

CLAW redefines personal safety on permanently installed vertical climbing protection systems. The cable runner has a well-thought-out triple safety design: the internal mechanical locking system prevents that the fall arrester being attached to the cable incorrectly, the external mechanical locking system allows opening only by pulling instead of pressing, and an engraved warning symbol ensures correct handling in all situations. Naturally, CLAW is certified in accordance with EN 353-1:2014.

- Guided type fall arrester with triple safety design
- Built-in shock absorber protects independently of the rest of the system
- Easy sliding brake shoe ensures fatigue-free working
- If a slip or fall from a height occurs, the carabiner pivots downwards in a flash and reduces the fall height
- Intermediate brackets can be crossed with CLAW
- Under certain conditions CLAW can also be used on installed systems (compatibility check required)

## Individually configurable fall-arrest systems



### System 1

Installation on an existing ladder

CLAW LINE TOP ANCHOR POINT for the "ladder fastening" system version, where the fall-arrest system can be fastened directly to the aluminium ladder used.



### System 2

Installation using structure anchor points

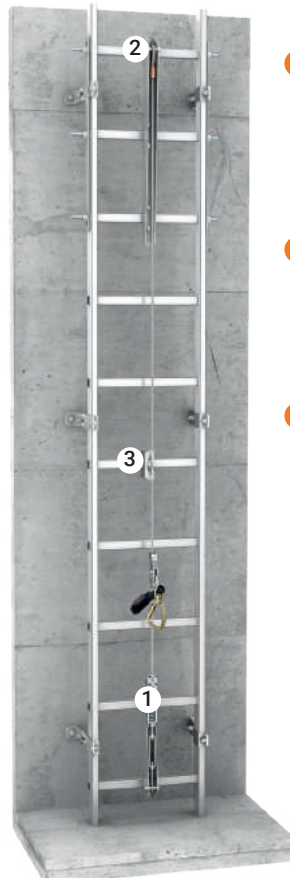
The CLAW LINE STRUCTURE ANCHOR POINT can be used on an existing structure as an upper and/or lower anchor point for the CLAW LINE fall-arrest system.



### System 3

Installation on existing D-BOLT anchor points

D-BOLT Stainless (V4A) can be used as a single permanent anchor point or as a component of the CLAW LINE fall-arrest system.



### 1 CLAW Line Tension

CLAW LINE TENSION is a stainless steel (V4A) tensioning device for permanently-installed vertical CLAW LINE fall-arrest systems. A single clamping element for all available system versions makes component planning for every CLAW LINE system extremely simple.



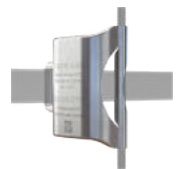
### 2 CLAW Line Cable 8mm

Extremely durable, corrosion-resistant stainless steel cable for permanently-installed vertical CLAW LINE fall-arrest systems. The CLAW LINE CABLE is an 8 mm stainless steel cable (V4A) in the 7x7 set-up



### 3 CLAW Intermediate

Drive-over intermediate supports made of stainless steel (V2A) for permanently-installed vertical CLAW LINE fall-arrest systems. The intermediate support serves to guide the steel rope and is required if the system is exposed to strong wind loads.



### CLAW Line Label

- ART. NO.: CL-007-5
- Standard: EN 353-1:2014+A1:2017
- Size: 210x145x3mm
- Weight: 0,05 kg
- Material: Aluminium



# KIT

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## RESCUE KIT WIND



## MILAN SEA KIT



## RESCUE KIT PLATFORM



## RESCUE KIT MILAN 2.0 HUB



## KIT 1



## KIT 2



## Pulley KIT 3:1



## Pulley KIT 5:1



## GORDON PULLEY KIT



## KIT PERFORMION



## KIT OMNION



## KIT PEANUT PLATFORM





## General service life

The service life of Personal Fall Protection Equipment (PPFE) 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 PPFE 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.



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

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 PPFE need to be checked?

Personal Fall Protection Equipment (PPFE) 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:

PPFE (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.





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