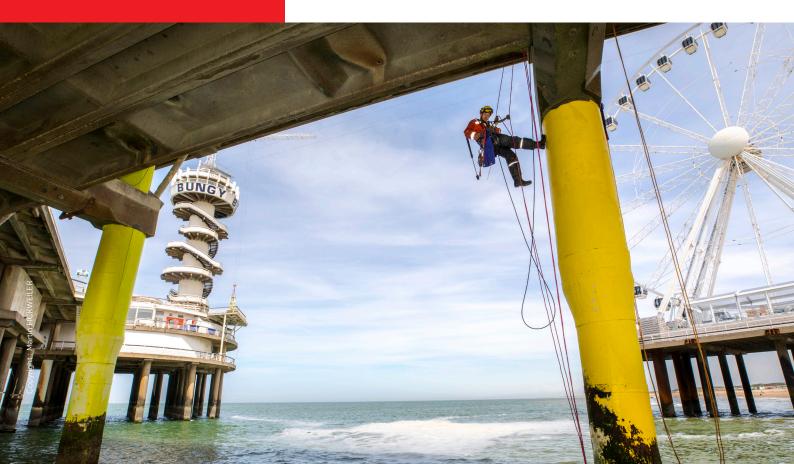
edelWeiss CONNECTED Ε **PROFESSIONAL 2020**

SUMMARY

- P3 CONNECTED TO LIFE NEW PRODUCTS
- P4 > LOW STRETCH ROPES STANDARD
 - LOW STRETCH ROPES
- P12 CORDS

P6

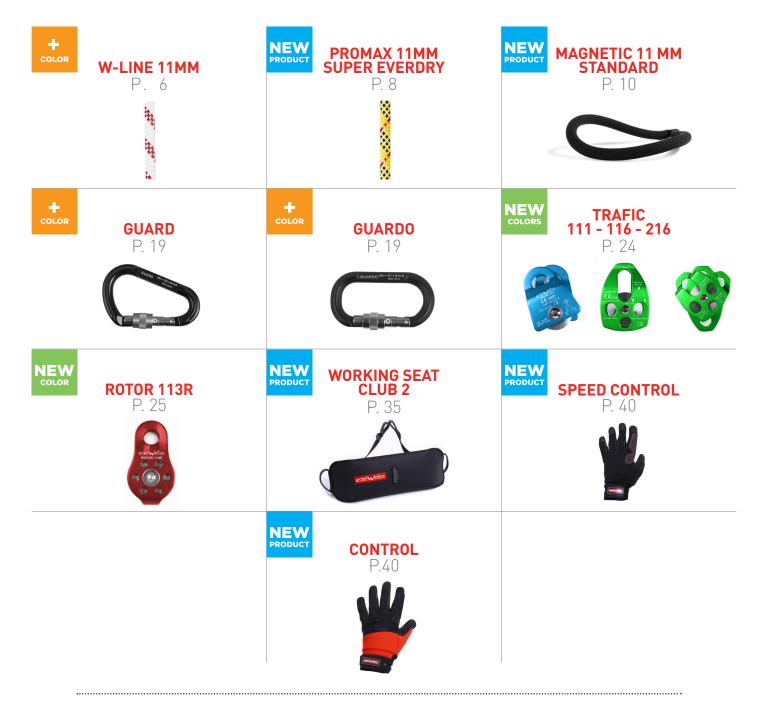
- P13 > ROPE SPECIFICATIONS
- P14 > SLINGS
- P16 > LANYARDS ENERGY ABSORBERS
- P18 CONNECTORS LIGHT ALLOY
- P20 CONNECTORS STEEL
- P24 > PULLEYS BRASS BEARING
- P25 > PULLEYS BALL BEARING
- P26 DESCENT BELAY
- P27 > ASCENSION
- P29 HARNESSES
- P37 HELMETS
- P40 > GLOVES
- P41 > BAG
- P42 ACCESSORIES



CONNECTED TO LIFE

We are active in the field of safety at height since 1953 when we invented the modern ropes construction still used nowadays. We are not only a brand of pioneers; we never stopped to innovate, find best technologies and production techniques. Today Edelweiss uses this knowhow to push the limits of resistance, quality and durability for a better safety. Because at the end our product can save your life.

NEW PRODUCTS







EUROPEAN STANDARDS

EDELWEISS production follows a very high technical standard to ensure safety. Our ISO 9001 manufacturing process guarantees consistent quality. Our Personal Protective Equipment meets and even exceeds the relevant EN standards.

CE



THE LOW-STRETCH ROPES

These are sometimes wrongly called static. They allow access to, and positioning at the worksite. They have moderate stretch, which allows them to absorb sufficient energy to arrest falls of factor 0.3.

The types of Ropes

There are two types of ropes.

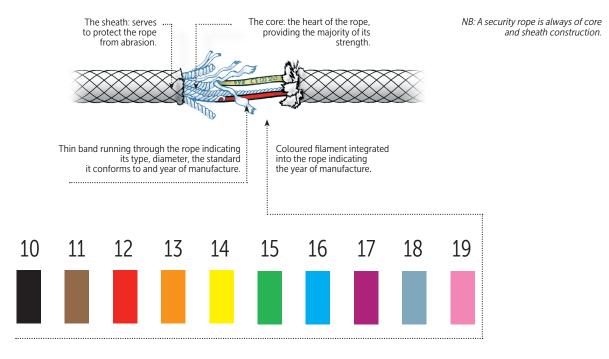
Type A: Rope for use in rescue, or as a working or security line for work at height. In the latter case it is used for access to the place of work in combination with other items of equipment, or to undertake work under tension or in suspension on the rope.
Type B: Rope of lesser diameter and strength than Type A, demanding greater precautions and attention to security during use.

Storage and lifetime

The working life depends on the frequency and the type of use. Abrasion, UV exposure and humidity gradually degrade the properties of the rope. Note that with use, a rope thickens and thus loses up to 10% length.

Storage time: In good storage conditions a rope may be kept for 5 years before first use without affecting its future lifetime duration in use.

Lifetime in use: A rope could be destroyed during its first use. It is the inspections which determine if the product must be scrapped more quickly. Proper storage between uses is essential. The lifetime of the rope in use must never exceed 10 years. The total maximum lifetime (storage before use + lifetime in use) is thus limited to 15 years.



TESTED ACCORDING TO EN 1891

Fall factor F:

The fall factor is the ratio of the length of the fall taken to the length of rope which arrests it.

Impact force IF:

This is the force which is transmitted to person, connector and anchor point during the arrest of a fall. The impact force given in the performance tables is that obtained by a fall factor 0,3 with a 100Kg mass for type A ropes, and an 80Kg mass for type B ropes. This is required to be less than 6kN.

Number of falls:

The number of falls sustained is determined on a rig which reproduces factor I falls. The terminations on the test length are made with figure of 8 knots. The drop falls are made at intervals of three minutes. Five falls must be sustained, using a 100Kg mass for type A, 80Kg for type B.

Elongation E:

This is the elongation of the rope which occurs between loads of 50Kg and 150Kg. It must not exceed 5%.

Knotability K:

A single overhand knot is tensioned with a 10Kg weight for one minute, then the internal diameter of the knot is measured with the tension reduced to 1Kg. The internal diameter divided by the rope diameter: K < 1,2.

Sheath slippage S: 2m of rope is placed in the pulling rig and drawn through it 5 times. Sheath slippage must not exceed 15mm for type B ropes, and (20 + 10 (D - 9)) mm where D is the rope diameter, for type A ropes.

Shrinkage R:

The percentage shrinkage of the rope after soaking in water for 24 hours.

Mass of the sheath:

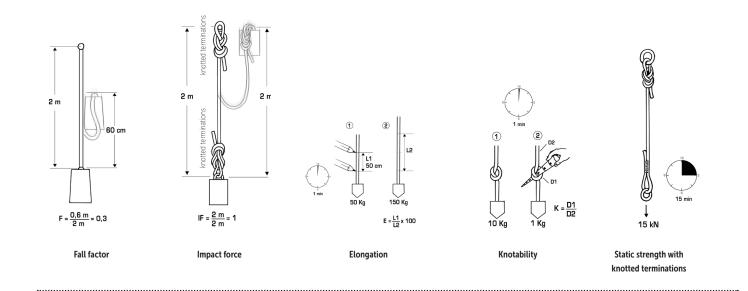
The minimum sheath percentage which must compose the rope is calculated by S = ((4D - 4) / D^2) x 100 where D is the rope diameter.

Static strength:

The force required to break the rope when it is pulled slowly. type A ropes must exceed 22kN, type B ropes 18kN.

Static strength with knotted terminations:

A sample of the rope terminated with a figure of 8 must withstand for 3 minutes a force of 15kN (type A) 12kN (type B).





LOW STRETCH ropes



This industrial rope is particularly recommended for rope access operation with a motorised ascender / whinch.The natural sheath grip offers a maximum efficiency and durability.

| Code: | CSTW11 |
|-----------|--------------------|
| Lengths: | 50 m, 100 m, 200 m |
| Material: | Polyamid |
| Norm: | CE - EN1891 |
| Туре: | А |

EN1891

White/Blue White/Red



PERFORMANCES

| Diameter | 11 mm |
|---|--------|
| Breaking strength | 34 kN |
| Number of falls factor 1 | 16 |
| Impact force factor 0.3 | 5,6 kN |
| Static elongation | 2,8 % |
| Sheath percentage | 36 % |
| Weight | 73 g/m |
| ••••••••••••••••••••••••••••••••••••••• | •••••• |

BUD 10.5 mm

Versatile low stretch rope with an optimal balance price/quality. Mostly used in moderate work situations.

Code: Lengths: Material: Norm: Type:

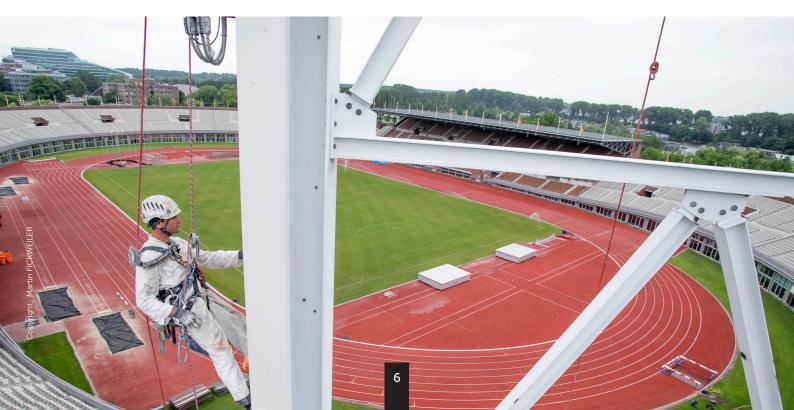
CSTB105 50 m, 100 m, 200 m Polyamid CE ÉN 1891 - UIAA А

White



PERFORMANCES

| Diameter | 10,5 mm |
|-------------------------|---------|
| Breaking strength | 27 kN |
| Nb of falls factor 1 | >5 |
| Impact force factor 0,3 | 5,5 kN |
| Static elongation | 3,1 % |
| Sheath percentage | 36,4 % |
| Weight | 67 g/m |



LOW STRETCH ropes



PERFORMANCES

| 11 mm |
|--------|
| 30 kN |
| 16 |
| 5,6 kN |
| 4% |
| 43,7% |
| 75g/m |
| |

PROLINE 10.5 mm

White Black Blue Red

Ropes from the PROLINE line benefit from a thick sheath, increasing the longevity of the rope in difficult or intensive work conditions. Stitched eye can be ordered

Code: Lengths: Material: Norm: Type: А

CSTP105 50 m, 100 m, 200 m Polyamid CE EN 1891 - UIAA





PERFORMANCES

| Diameter | 10,5 mm |
|-------------------------|---------|
| Breaking strength | 26 kN |
| Nb of falls factor 1 | 10 |
| Impact force factor 0,3 | 5,3 kN |
| Static elongation | 4,8 % |
| Sheath percentage | 44 % |
| Weight | 65 g/m |





UNICORE ropes

11 mm

30 kN

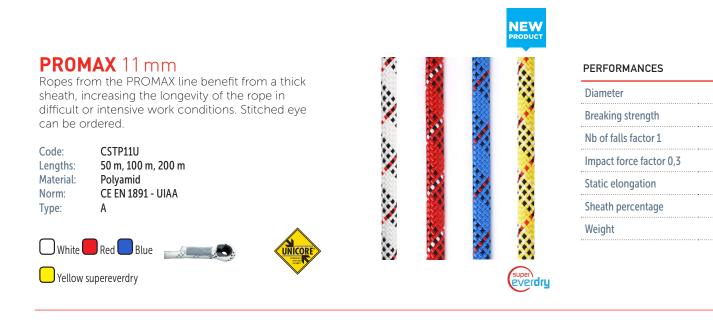
5.6 kN

43,7 %

75 g/m

16

4%



PROMAX 10.5 mm

Ropes from the PROMAX line benefit from a thick sheath, increasing the longevity of the rope in difficult or intensive work conditions. Stitched eye can be ordered.

Code: Lengths: Material: Norm: Type:

CSTP105U 50 m, 100 m, 200 m Polyamid CE EN 1891 - UIAA A







PERFORMANCES

| Diameter | 10,5 mm |
|-------------------------|---------|
| Breaking strength | 26 kN |
| Nb of falls factor 1 | 10 |
| Impact force factor 0,3 | 5,3 kN |
| Static elongation | 4,8 % |
| Sheath percentage | 44 % |
| Weight | 65 g/m |



UNICORE CONCEPT

An astonishing process, bonding rope sheath and core without affecting the rope's suppleness. Even in the hardest conditions of use sheath slippage is suppressed. If the sheath is cut or torn, core and sheath remain bonded together. With a standard rope, if the sheath is cut by abrasion over an edge, a frequent occurrence in work at height and in rescues, it slides and gathers over some metres. It then becomes impossible to pass this zone, either to ascend or to descend. If the problem occurs near the end of the rope the sheath may slide off completely, and the user may fall to the ground.

With the UNICORE process the sheath remains in place and the user can escape, either by descent or ascent, taking all necessary precautions. He/she is not stuck without a solution on the rope. The **UNICORE** process brings an undeniable gain in security during delicate and dangerous operations.



TEMP 11 mm The Temp rope is conceived for hostile environments, such as high temperature or chemical hazard situation. Its aramide core withstands short periods at 300°C temperature; if the polyamide melts, the aramide core still holds 800daN.

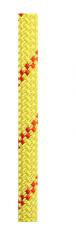
At 500°C, the rope is completely destroyed.

| Code: | CSTPA |
|-----------|-----------|
| Lengths: | 50 m, 100 |
| Material: | Polyamid |
| Norm: | CE EN 189 |
| Type: | А |

0 m, 200 m I/Aramid 91 - UIAA









| Diameter | 11 mm |
|-------------------------|--------|
| Breaking strength | 25 kN |
| Nb of falls factor 1 | 15 |
| Impact force factor 0,3 | 5,6 kN |
| Static elongation | 3,1 % |
| Sheath percentage | 42 % |
| Weight | 79 g/m |
| | |





TEMP CONCEPT EFFECT OF HIGH TEMPERATURES ON ARAMID

The resistance of Aramid to high temperatures is best illustrated by the graph showing the residual strength after exposure to raised temperatures. Thus we may for example see that after 10 hours of exposure at 200°C it retains 100% of its strength, or that after 1 hour at 350°C it retains 90% of its strength.

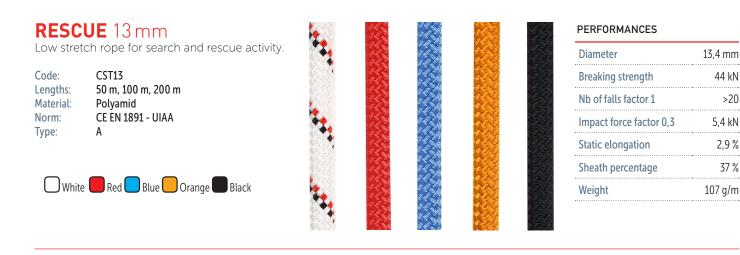


ath

Exposure time (Hours) Relationship between time of exposure at high temperature and residual strength of Aramid



RESCUE ropes



RESCUE 12 mm

The Rescue 12 mm rope was specially developped for rescue interventions when extra breaking strength is required. It remains easy to knot even with its large diameter.

| Code: | |
|-----------|--|
| Lengths: | |
| Material: | |
| Norm: | |
| Type: | |

CSTN12 50 m, 100 m, 200 m Polyamid CE EN 1891 - UIAA A

Black

MAGNETIC 11mm standard

Rope for professionals who use their gear intensively and expect maximum safety. With its 11mm diameter and 15 UIAA falls and an impact force of only 8.5kN, it delivers reliable safety and performance to the climber.

Code: Material: Lengths: Norm: Type: C3P11 Polyamid 50 m, 100 m, 200 m CE EN 892 - UIAA ①



PERFORMANCES

| Diameter | 12 mm |
|-------------------------|--------|
| Breaking strength | 35 kN |
| Nb of falls factor 1 | >20 |
| Impact force factor 0,3 | 5 kN |
| Static elongation | 4,3 % |
| Sheath percentage | 36,8 % |
| Weight | 88 g/m |

PERFORMANCES

| Diameter | 11 mm |
|--------------------------|--------|
| Nb of falls factor 1,77 | 15 |
| Impact force factor 1,77 | 8,5 kN |
| Weight | 75 g/m |



Orange Black

CANYON 10 mm

Type A low-stretch rope made of a polyester-polyamid composite sheath, with Everdry treatment. The rope has a high resistance to abrasion whilst remaining supple in use. Compared to a standard polyamid sheath, the shrinkage in water is reduced by a factor of 3.

Code: Lengths: Material sheath / core: Norm: Type:

U Yellow

CSTC10 50 m, 100 m, 200 m Polyamid-Polyester/Polyamid CE EN 1891 - UIAA A

vei**dru**



PERFORMANCES

| Diameter | 10 mm |
|-------------------------|--------|
| Breaking strength | 23 kN |
| Nb of falls factor 1 | 6 |
| Impact force factor 0,3 | 5 kN |
| Static elongation | 4,5 % |
| Sheath percentage | 35 % |
| Weight | 68 g/m |

10

MILITARY - POLICE ropes

ACTION 11 mm

Type A low stretch rope specially developed for the fast descent by special forces. The Aramid sheath doesn't melt even against an overheated descender. The ACTION rope allows fast descent whereas the classical ropes will be destroyed.

| Code: | CSTAK11 |
|------------------------|---------------------|
| Lengths: | 50 m, 100 m, 200 m |
| Material sheath / core | : Aramid / Polyamid |
| Norm: | CE EN 1891 |
| Туре: | Α |
| | |

TEST WITH BLOWTORCH

Semi-static rope holding a mass of 100kg exposed to a temperature of 400° C (+ or- 50° C) for 15 minutes.

Results:

 Classic 11 mm rope: Break after around 40 sec. • Action 11 mm rope: Residual strength around 1000 daN after 15 minutes.

PERFORMANCES

| Diameter | 11 mm |
|---------------------------------|--------|
| Breaking strength | 24 kN |
| Nb of falls factor 1 | 6 |
| Impact force factor 0,3 | 5,9 kN |
| Static elongation (50/150kg) | 3,2 % |
| Sheath percentage | 30 % |
| Weight | 75 g/m |

W-LINE 11mm

Black

This industrial rope is particularly recommended for rope access operation with a motorised ascender / whinch. The natural sheath grip offers a maximum efficiency and durability.

m

| Code: | CSTW11 |
|-----------|------------------|
| Lengths: | 50 m, 100 m, 200 |
| Material: | Polyamid |
| Norm: | CE - EN1891 |
| Туре: | А |
| | |

Black Kaki

PROLINE 11 mm

Ropes from the PROLINE line benefit from a thick sheath, increasing the longevity of the rope in difficult or intensive work conditions. Stitched eye can be ordered.

| Code: | CSTPN: |
|-----------|---------|
| Lengths: | 50 m, 1 |
| Material: | Polyam |
| Norm: | CE EN 1 |
| Туре: | A |
| | |



Black 🔲 Kaki



Ropes from the PROLINE line benefit from a thick sheath, increasing the longevity of the rope in difficult or intensive work conditions. Stitched eye can be ordered

| Code: | CSTPN105 |
|-----------|--------------------|
| Lengths: | 50 m, 100 m, 200 m |
| Material: | Polyamid |
| Norm: | CE EN 1891 - UIAA |
| Туре: | Α |

Black 💭 Kaki



PERFORMANCES

| Diameter | 11 mm |
|--------------------------|--------|
| Breaking strength | 34 kN |
| Number of falls factor 1 | 16 |
| Impact force factor 0.3 | 5,6 kN |
| Static elongation | 2,8 % |
| Weight | 73g/m |
| | |



PERFORMANCES

| Diameter | 11 mm |
|-------------------------|--------|
| Breaking strength | 30 kN |
| Nb of falls factor 1 | 16 |
| Impact force factor 0,3 | 5,6 kN |
| Static elongation | 4 % |
| Sheath percentage | 43,7 % |
| Weight | 75 g/m |
| | |

PERFORMANCES

| Diameter | 10,5 mm |
|-------------------------|---------|
| Breaking strength | 26 kN |
| Nb of falls factor 1 | 10 |
| Impact force factor 0,3 | 5,3 kN |
| Static elongation | 4,8 % |
| Sheath percentage | 44 % |
| Weight | 65 g/m |

edel₩eíss

CORDS

Multi purpose Polyamide accessory cords, with great abrasion resistance thanks to a specific braiding. Available on roll or packet lengths.

| Code | Diameter | length | Color A | ColorB | Weight | Breaking strength | Norm |
|------|-----------|-------------|---------|----------|----------|----------------------|------------|
| C01 | Cord 1 mm | 200 m | 111 | | 0,65 g/m | 0,35 kN | |
| C02 | Cord 2 mm | 60 m / 10 m | 111 | | 3,6 g/m | 0,8 kN | |
| C03 | Cord 3 mm | 60 m / 10 m | | ∞ | 6 g/m | 1,8 kN | |
| C04 | Cord 4 mm | 60 m / 10 m | | | 10,4 g/m | 3,2 kN | EN564 UIAA |
| C05 | Cord 5 mm | 60 m / 5 m | | | 18,7 g/m | 5 kN | EN564 UIAA |
| C06 | Cord 6 mm | 60 m / 5 m | MM) | | 23,1 g/m | 7,2 kN | EN564 UIAA |
| C07 | Cord 7 mm | 60 m / 5 m | | | 31,9 g/m | 9,8 kN | EN564 UIAA |
| C08 | Cord 8 mm | 60 m | | | 47 g/m | 12,8 kN | EN564 UIAA |
| C09 | Cord 9 mm | 60 m | | | 53 g/m | 16,2 kN | 3 |

LOW STRETCH ropes

| Code | Name | Standards | Type | Ø | Breaking strength (kN) | Breaking strength with figure of 8 knot (kN) | Strength with Stitched Eye (kN) | Nb of falls FF 1 | Impact force factor 0,3 (kN) | Static elongation (⁵⁰ 150kg) (%) | Sheath slippage (%) | Sheath percentage (%) | Weight | Shrink in water (%) | Material | Treatment | Options |
|-------------|----------------|-------------------|--------|------|------------------------|---|------------------------------------|------------------|---------------------------------|---|---------------------|-----------------------|--------|---------------------|----------|-----------|--------------|
| CSTB105.xx | BUD 10,5mm | CE EN 1891 - UIAA | Туре А | 10,5 | 27 | 16 | | >5 | 5,5 | 3,1 | 0,2 | 36,4 | 67 g/m | 5 | Polyamid | | |
| CSTP105.xx | PROLINE 10,5mm | CE EN 1891 - UIAA | Туре А | 10,5 | 26 | 17 | 22 | 10 | 5,3 | 4,8 | 0,3 | 44 | 65 g/m | 3,5 | Polyamid | | Stitched Eye |
| CSTW11.xx | W-LINE 11mm | CE EN 1891 | Туре А | 11 | 34 | 19.5 | | 16 | 5,6 | 2,8 | 0,8 | | 73g/m | 4 | Polyamid | | |
| CSTP11.xx | PROLINE 11mm | CE EN 1891 - UIAA | Туре А | 11 | 30 | 18 | 23 | 16 | 5,6 | 4 | 0,93 | 43,7 | 75 g/m | 3 | Polyamid | | Stitched Eye |
| CSTP105U.xx | PROMAX 10,5 | CE EN 1891 - UIAA | Туре А | 10,5 | 26 | 17 | 22 | 10 | 5,3 | 4,8 | 0 | 44 | 65 g/m | 3,5 | Polyamid | Unicore | Stitched Eye |
| CSTP11U.xx | PROMAX 11 | CE EN 1891 - UIAA | Туре А | 11 | 30 | 18 | 22 | 16 | 5,6 | 4 | 0 | 43,7 | 75 g/m | 3 | Polyamid | Unicore | Stitched Eye |

SPECIAL ropes

| CSTPA.xx TEMP11mm CE EN 1891 - UIAA Type A 11 25 19 15 5,6 3,1 0 42 79 g/m 3,3 Poly | Polyamid / Aramid TEMP |
|---|------------------------|
|---|------------------------|

RESCUE ropes

| CSTN12.xx | RESCUE 12mm | CE EN 1891 - UIAA | Type A | 12 | 35 | 15 | > 20 | 5 | 4,3 | 0,6 | 36,8 | 88 g/m | 3,5 | Polyamid | |
|-----------|-------------|-------------------|--------|------|----|----|------|-----|-----|-----|------|---------|------|----------|--|
| CST13.xx | RESCUE 13mm | CE EN 1891 - UIAA | Type A | 13,4 | 44 | 24 | > 20 | 5,4 | 2,9 | 0,2 | 37 | 107 g/m | 0,35 | Polyamid | |

CANYON & WATER RESCUE ropes

| CSTC10.xxx | Canyon 10mm | CE EN 1891 - UIAA | Туре А | 10 | 23 | 17 | | 6 | 5 | 4,5 | 0 | 35 | 68g/m | 1,3 | Sheath: Polyamid/ Polyester Core: Polyamid | Everdry | |
|------------|-------------|-------------------|--------|----|----|----|--|---|---|-----|---|----|-------|-----|--|---------|--|
|------------|-------------|-------------------|--------|----|----|----|--|---|---|-----|---|----|-------|-----|--|---------|--|

MILITARY & POLICE ropes

| CSTAK11 | Action 11mm | CE EN 1891 | Туре А | 11 | 24 | 18 | | 6 | 5,9 | 3,2 | 0 | 30 | 75 g/m | 0,5 | Sheath: Aramid Core: polyamid | | |
|---------|-------------|------------|--------|----|----|----|--|---|-----|-----|---|----|--------|-----|----------------------------------|--|--|
|---------|-------------|------------|--------|----|----|----|--|---|-----|-----|---|----|--------|-----|----------------------------------|--|--|

DYNAMIC ropes

| Name | Concepts | | | | | | |
|---------------|----------|---------|------------|-----------------------------|--------------------------------|-------------------------|--------------------|
| | | everdry | Weight g/m | Impact force factor 1,77 | Number of falls factor 1,77 | UIAA Water repellent | Sheath slippage |
| Magnetic 11mm | | 0 | 75 | 8,5kN / 80kg | 15 | 1% | 0 mm |
| Geos 10,5mm | | 0 | 71 | 8,3 kN / 80 kg | 13 | 1% | 0 mm |

All the ropes are made of polyamide and conform to CE EN 892 - UIAA standards

is standard

O is optional



sewn sling TUBULAR 16 mm

Express and sewn slings with 16 mm tubular tape, ideal balance between the lightness of Dyneema and the robustness of a classical tape.

| Code | Length | Color | Weight | Strength | Norm | |
|----------|--------|--------|--------|----------|------------------------|--|
| SA16.30 | 30 cm | Orange | 20 g | 22 kN | EN566 - EN795B - EN354 | |
| SA16.60 | 60 cm | Black | 38 g | 22 kN | EN566 - EN795B - EN354 | |
| SA16.120 | 120 cm | Red | 73 g | 22 kN | EN566 - EN795B - EN354 | |
| SA16.180 | 180 cm | Orange | 105 g | 22 kN | EN566 - EN795B - EN354 | |
| SA16.240 | 240 cm | Green | 137 g | 22 kN | EN566 - EN795B | |

sewn sling TUBULAR 19 mm

Classical sewn slings made of 19 mm tubular webbing.

| Length | Color | Weight | Strength | Norm |
|--------|---------------------------|---|---|--|
| 30 cm | Orange | 25 g | 22 kN | EN566 - EN795B - EN354 |
| 60 cm | Black | 47 g | 22 kN | EN566 - EN795B - EN354 |
| 120 cm | Red | 89 g | 22 kN | EN566 - EN795B - EN354 |
| 180 cm | Orange | 129 g | 22 kN | EN566 - EN795B - EN354 |
| 240 cm | Green | 168 g | 22 kN | EN566 - EN795B |
| | 60 cm 120 cm 180 cm | 30 cm Orange 60 cm Black 120 cm Red 180 cm Orange | 30 cmOrange25 g60 cmBlack47 g120 cmRed89 g180 cmOrange129 g | 30 cm Orange 25 g 22 kN 60 cm Black 47 g 22 kN 120 cm Red 89 g 22 kN 180 cm Orange 129 g 22 kN |

sewn sling TUBULAR 26 mm

Classical sewn slings made of 26 mm tubular webbing.

| Code | Length | Color | Weight | Strength | Norm |
|----------|--------|-------------------|--------|----------|------------------------|
| SA26.60 | 60cm | Green or Black | 53 g | 22 kN | EN566 - EN795B - EN354 |
| SA26.80 | 80cm | Blue or Black | 65g | 22kN | EN566 - EN795B - EN354 |
| SA26.120 | 120cm | Green, Black, Red | 101 g | 22 kN | EN566 - EN795B - EN354 |
| SA26.150 | 150cm | Orange or Black | 135g | 22kN | EN566 - EN795B - EN354 |
| SA26.180 | 180cm | Blue | 165g | 22kN | EN566 - EN795B - EN354 |



25N

sewn sling **FLAT 18 mm**

Light weight sewn slings made of flat 18 mm tape.

| Code | Length | Color | Weight | Strength | Norm | |
|----------|--------|-------|--------|----------|------------------------|--|
| SA18.30 | 30 cm | Red | 26 g | 22 kN | EN566 - EN795B - EN354 | |
| SA18.60 | 60 cm | Black | 48 g | 22 kN | EN566 - EN795B - EN354 | |
| SA18.120 | 120 cm | Red | 92 g | 22 kN | EN566 - EN795B - EN354 | |
| SA18.180 | 180 cm | Black | 137 g | 22 kN | EN566 - EN795B - EN354 | |
| SA18.240 | 240 cm | Red | 181 g | 22 kN | EN566 - EN795B | |

sewn sling **DYNEEMA 7 mm**

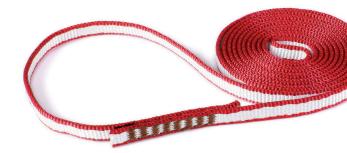
Very light weight sewn sling made of 7 mm wide dyneema webbing

| Code | Length | Color | Weight | Strength | Norm | |
|----------|--------|-------|--------|----------|-------|--|
| SADT.60 | 60 cm | Blue | 16 g | 22 kN | EN566 | |
| SADT.120 | 120 cm | Grey | 30 g | 22 kN | EN566 | |

sewn sling **DYNEEMA 10 mm**

Lightweight and compact sewn slings made of dyneema 10 mm wide webbing.

| Code | Length | Color | Weight | Strength | Norm |
|-----------|--------|-------|--------|----------|------------------------|
| SAD10.30 | 30 cm | Red | 11 g | 22 kN | EN566 - EN795B - EN354 |
| SAD10.60 | 60 cm | Black | 20 g | 22 kN | EN566 - EN795B - EN354 |
| SAD10.120 | 120 cm | Red | 38 g | 22 kN | EN566 - EN795B - EN354 |
| SAD10.180 | 180 cm | Black | 56 g | 22 kN | EN566 - EN795B - EN354 |
| SAD10.240 | 240 cm | Red | 74 g | 22 kN | EN566 - EN795B |





ALTO Adjustable lanyard

| Material: | CE - EN358 PA/PES for the lan Alloy for the adjus | yard Light ter and connector | | C | | F | | |
|---|--|---|-----|---|---------------|-----------|-----------|---|
| in 12,5 mm connectors 2 lengths (2 - Easy adjus | semi-static rop 00 & 400 cm) a ting rope clam | 58) work positioning lanyar e available with or without and following features: 5. ng for the rope. | | | | \subset | | |
| - Sewn tern - Transparer | nination with re | inforced eye. ows the inspection of sewir | ıg. | | | | | C |
| - Sewn tern - Transparer | nination with re nt cover that all | inforced eye. ows the inspection of sewir | g. | | | | | C |
| - Sewn tern - Transparer - Marked wi | nination with re nt cover that all th a unique ser | inforced eye. ows the inspection of sewir ial number. | ıg. | | | | | C |
| - Sewn term - Transparer - Marked wi Code LRA.200 | nination with re nt cover that all th a unique ser Size | inforced eye. ows the inspection of sewir ial number. Weight | g. | | $\overline{}$ | | \sim | |
| - Sewn tern - Transparer - Marked wi | nination with re nt cover that all th a unique ser Size 200 cm | inforced eye. ows the inspection of sewir ial number. <u>Weight</u> 440 g | g. | | \mathcal{I} | | \bigcap | |

TRAX

TRAX is a dynamic lanyard and can also be used as temporary anchor device for working at height. Both ends have stitched eyes with plastic cover and extra webbing tape as abrasion protection.

DYNAMIC LANYARD

| Туре | Code | Total length whitout any connectors | Norm |
|--------|---------|--|----------------|
| trax l | LDI.60 | 60 cm | EN354 - EN795B |
| Trax I | LDI.80 | 80 cm | EN354 - EN795B |
| Trax I | LDI.100 | 100 cm | EN354 - EN795B |
| Trax I | LDI.120 | 120 cm | EN354 - EN795B |



DYNAMIC PROGRESSION LANYARD

| Туре | Code | Total length whitout any connectors | Norm |
|--------|--------|--|-------|
| Trax V | LDV.65 | 30/65 cm | EN354 |
| Trax V | LDV.85 | 30/85 cm | EN354 |



ENERGY ABSORBER

| Code | Total length | Norm | Composition |
|-------|--------------|-------|-------------|
| SHABS | 18 cm | EN355 | ABSORB |





SINGLE LANYARD WITH ENERGY ABSORBER

| Code | Total length | Norm | Composition | | | | Weight | Minimum clearance / 100kg factor 2 |
|--------------|--------------|-------|--------------|----------|-------------|-----------------|--------|---------------------------------------|
| SHAB.I10 | 80 cm | EN355 | | + ABSORB | + I-Lanyard | | 330 g | 4,7 m |
| SHAB.I10.C60 | 100 cm | EN355 | Connector O3 | + ABSORB | + I-Lanyard | + connector C60 | 805 g | 4,7 m |
| SHAB.I15 | 130 cm | EN355 | Connector O3 | + ABSORB | + I-Lanyard | | 385 g | 5,30 m |
| SHAB.I15.C60 | 150 cm | EN355 | Connector O3 | + ABSORB | + I-Lanyard | + connector C60 | 860 g | 5,30 m |
| SHAB.I18 | 160 cm | EN355 | Connector O3 | + ABSORB | + I-Lanyard | | 420 g | 6,25 m |
| SHAB.I18.C60 | 180 cm | EN355 | Connector O3 | + ABSORB | + I-Lanyard | + connector C60 | 895 g | 6,25 m |



DOUBLE LANYARD WITH ENERGY ABSORBER

| Code | Total length | Norm | Composition | | | | Weight | Minimum clearance / 100kg factor 2 |
|--------------|--------------|-------|--------------|----------|-------------|--------------------|--------|---------------------------------------|
| SHAB.V10 | 80 cm | EN355 | Connector O3 | + ABSORB | + V-Lanyard | | 385 g | 4,7 m |
| SHAB.V10.C60 | 100 cm | EN355 | Connector O3 | + ABSORB | + V-Lanyard | + 2 connectors C60 | 1335 g | 4,7 m |
| SHAB.V15 | 130 cm | EN355 | Connector O3 | + ABSORB | + V-Lanyard | | 500 g | 5,30 m |
| SHAB.V15.C60 | 150 cm | EN355 | Connector O3 | + ABSORB | + V-Lanyard | + 2 connectors C60 | 1450 g | 5,30 m |
| SHAB.V18 | 160 cm | EN355 | Connector O3 | + ABSORB | + V-Lanyard | | 565 g | 6,25 m |
| SHAB.V18.C60 | 180 cm | EN355 | Connector O3 | + ABSORB | + V-Lanyard | + 2 connectors C60 | 1515 g | 6,25 m |



C60 light alloy Double gate automatic connector with wide 60 mm opening for scaffolding and other metallic structure.

| MC60 |
|-----------------|
| 475 g |
| 236 mm |
| 114 mm |
| 22 mm |
| 22 kN |
| CE EN362 - UIAA |
| |



C110 light alloy

Double gate automatic connector with wide 110 mm opening for scaffolding and other metallic structure.

| Code: | MC110 |
|--------------------|----------|
| Weight: | 920 g |
| Length: | 358 mm |
| Width: | 165 mm |
| Eyelet: | 27 mm |
| Breaking strength: | 25 kN |
| Norm: | CE EN362 |



SK60 SCAFFOLD CONNECTOR light alloy

Skaffold connector with self locking system, Express opening 62 mm. Ergonomic handling, very light product which can fit on every lanyards even with already made eyelet.

| Code: | MSK60 |
|-----------|-----------------------|
| Weight: | 240 g |
| Norm: | CE EN 362 |
| Туре: | A/T |
| Length: | 245 mm |
| Width: | 115 mm |
| Opening: | 62 mm |
| Material: | Aluminium light alloy |
| | |



PERFORMANCE light alloy

Eyelet connector with triple action opening for maximum security in sportive and professional activities. Catch free closure.

| Code: | MPERFORMANCE |
|----------------------|--------------------------|
| Weight: | 134 g |
| Type: | K / T |
| Length: | 138 mm |
| Width: | 70 mm |
| Eyelet D: | 24 mm |
| Major axis strength: | 28 kN |
| Minor axis strength: | 10 kN |
| Open strength: | 10 kN |
| Norm: | CE EN 12275 / 362 - UIAA |



JET light alloy

Screw gate carabiner, catch free closure and light weight ergonomic body.

| Code: | MJET |
|----------------------|--------------------------|
| Weight: | 65 g |
| Туре: | В |
| Length: | 107 mm |
| Width: | 66 mm |
| Major axis strength: | 28 kN |
| Minor axis strength: | 8 kN |
| Open strength: | 7 kN |
| Norm: | CE EN 12275 / 362 - UIAA |



GUARD light alloy

Screw gate HMS carabiner with catch free closure.

| Weight: |
|----------------------|
| Code : |
| Туре: |
| Length: |
| Width: |
| Major axis strength: |
| Minor axis strength: |
| Open strength: |
| Norm: |
| |



CE EN 12275 / 362 - UIAA



GUARD 3 light alloy

Triple action opening HMS carabiner with catch free closure.



GUARD 0 light alloy

MGARDO

74 g

X / B

110 mm

61 mm

21 kN 8 kN

Screw gate oval carabiner with catch free closure.

Code :

Weight:

Length: Width:

Norm:

Major axis strength:

Minor axis strength: Open strength:

Type:

| COLOR |
|-------|
| |



8 kN CE EN 12275 / 362 - UIAA Catch free nose oval carabiner with automatic closure, its triple action opening increases security, its symetrical shape helps to keep

03 light alloy

| Code : | MO3 |
|----------------------|--------------------------|
| Weight: | 81 g |
| Туре: | X / B |
| Length: | 110 mm |
| Width: | 61 mm |
| Major axis strength: | 22 kN |
| Minor axis strength: | 8 kN |
| Open strength: | 8 kN |
| Norm: | CE EN 12275 / 362 - UIAA |

components of a system aligned.





C23 steel Double gate automatic connector with 18mm opening.

| Code: | MC23 |
|--------------------|-----------|
| Weight: | 230 g |
| Length: | 136 mm |
| Width: | 60 mm |
| Eyelet: | 22 mm |
| Breaking strength: | 22 kN |
| Norm: | CE EN 362 |



RAPID 8 steel

Oval 8mm diameter quick link with screw gate.

| Code: | MRAPID8 |
|--------------------|--------------------|
| Weight: | 76 g |
| Туре: | Q |
| Length: | 76 mm |
| Width: | 25 mm |
| Ø: | 8 mm |
| Breaking Strength: | 25 kN |
| Norm: | CE EN 12275 - UIAA |



CARABINERS steel



Z500 Large capacity steel carabiner screw gate

Code: Weight: MZ500 251 g Type:BLength:115 mmWidth:73 mmMajor axis strength:52 kNMinor axis strength:16 kNOpen strength:18 kNNorm:EN 362



Z503 Large capacity steel carabiner triple action gate

MZ503

270 g

Code: Weight:



Z101 steel Steel carabiner – screw gate

| Code: | MZ101 |
|---------|-------|
| Weight: | 179 g |



Z102 steel Steel carabiner – twist gate

Code: Weight: MZ102 197 g



Code:

Weight:

Z103 steel Steel carabiner – triple action gate

> MZ103 198 g

| Туре: | В |
|----------------------|--------|
| Length: | 107mm |
| Width: | 57 mm |
| Major axis strength: | 30 kN |
| Minor axis strength: | 16 kN |
| Open strength: | 8 kN |
| Norm: | EN 362 |







The original oval shape was developed on the principle of a chain link fitted manual nut opening. This shape reflects the spirit of Maillon Rapide quick links connectors.

MAILLON OVAL 8 Steel - Zinc plated

| Code: | MPEGO.08 |
|---------------------|----------------------|
| Weight: | 77 g |
| Length: | 77 mm |
| Width: | 33,5 mm |
| Opening: | 11 mm |
| Breaking strength: | 35 kN |
| Working Load Limit: | 7 kN |
| Norm: | CE - EN362 - EN12275 |

MAILLON OVAL 10 Steel - Zinc plated

| Code: | MPEGO.10 |
|---------------------|----------------------|
| Weight: | 137 g |
| Length: | 89 mm |
| Width: | 40,5 mm |
| Opening: | 12 mm |
| Breaking strength: | 55 kN |
| Working Load Limit: | 11 kN |
| Norm: | CE - EN362 - EN12275 |



The original oval shape was developed on the principle of a chain link fitted manual nut opening. This shape reflects the spirit of Maillon Rapide quick links connectors.

MAILLON DELTA 8 Steel - Zinc plated

| Code: | MPEGD.08 |
|---------------------|----------------------|
| Weight: | 88 g |
| Length: | 56 mm |
| Width: | 73 mm |
| Opening: | 10 mm |
| Breaking strength: | 27 kN |
| Working Load Limit: | 5 kN |
| Norm: | CE - EN362 - EN12275 |

MAILLON DELTA 10 Steel - Zinc plated

| Code: | MPEGD.10 |
|---------------------|----------------------|
| Weight: | 153 g |
| Length: | 87 mm |
| Width: | 66 mm |
| Opening: | 12 mm |
| Breaking strength: | 45 kN |
| Working Load Limit: | 9 kN |
| Norm: | CE - EN362 - EN12275 |



HERTZ XS light alloy The HERTZ XS rigging plate is very small and light (42g), the smooth design will not damage textile slings. Equiped with one main connection point and three 15 mm additional holes he's mostly dedicated to difficult situations with limited space.

| MHERTZ.XS |
|-----------|
| 42 g |
| 61 mm |
| 62 mm |
| 36 kN |
| 7 kN |
| CE |
| |





HERTZ S light alloy The HERTZ S rigging plate has a

smooth design ideal for textile slings. Equiped with one main connection point and three 20mm additional holes, it can receive industrial connectors with big nuts such as triple action gate.

| Code: | MHERTZ.S |
|----------------------------|----------|
| Weight: | 92 g |
| Height: | 81 mm |
| Width: | 83 mm |
| Maximum Breaking Strength: | 45 kN |
| Working Load Limit: | 9 kN |
| Norm: | CE |
| | |

HERTZ M light alloy The HERTZ M rigging plate has a smooth

design ideal tor textile slings. Equiped with one main connection point and seven 20 mm additional holes, it can receive industrial connectors with big nuts such as triple action gate. It's a perfect compact device for complex rigging situations.

| Code: Weight: Height: Width: Maximum Broaking Strongth: | MHERTZ.M 188 g 172 mm 83 mm |
|---|--------------------------------------|
| Maximum Breaking Strength: | 45 kN |
| Working Load Limit: Norm: | 9 kN CF |
| HOIL. | <u>.</u> |









TRAFIC 111 light alloy TRAFIC 111 is a compact mobile plate single pulley (brass bearing) designed for ropes up to 11mm.

| · · · · | |
|---------|--|



TRAFIC 116 light alloy TRAFIC 116 is a mobile plate single pulley

designed for hauling systems and heavy loads (brass bearing), it accepts ropes up to 16mm.



TRAFIC 216 light alloy TRAFIC 216 is a mobile plate double pulley designed for hauling systems and heavy loads (brass bearings), it accepts ropes up to 16mm. Equiped with a bottom becket to create complex systems.

| Code: | Ν |
|----------------------------|---|
| Weight: | 1 |
| Maximum breaking strength: | 2 |
| Norm: | C |

MP111 L20 g 20 kŇ CE - EN 12278 - UIAA

Code: Weight: Maximum breaking strength: Norm:

MP116 245 g 30 kN CE - EN 12278 - UIAA

| Code: | MP216 |
|----------------------------|-----------------|
| Weight: | 415 g |
| Maximum breaking strength: | 30 kN |
| Norm: | CE - EN 12278 · |









ROTOR 113R light alloy This is a compact fixed side plate single pulley

designed for ropes up to 12mm and equiped with ball bearings for high efficiency.

| Code: | MP113R |
|----------------------------|----------------------|
| Weight: | 140 g |
| Maximum Breaking Strength: | 22 kN |
| Efficiency: | 95 % |
| Norm: | CE - EN 12278 - UIAA |



TRAFIC 116R light alloy TRAFIC 116R is a mobile plate single pulley designed for hauling systems requiring a high efficiency (ball bearing), it accepts ropes up to 16mm.

| Code: |
|----------------------------|
| Weight: |
| Maximum Breaking Strength: |
| Working Load Limit: |
| Efficiency: |
| Norm: |

MP116R 280 g 30 kN 2 x 2,5kN = 5kN 95% CE - EN 12278 - UIAA



TRAFIC 216R light alloy TRAFIC 216R is a mobile plate double pulley

designed for hauling systems requiring a high efficiency (ball bearings), it accepts ropes up to 16mm. Equiped with a bottom becket to create complex systems.

| MP216R |
|----------------------|
| 500 g |
| 30 kN |
| 95 % |
| CE - EN 12278 - UIAA |



ROLLER 213R2 light alloy

Fixed side plate double pulley equiped with sealed ball bearings for high efficiency, to use on rope with max. diameter 13mm and metallic cable with max. diameter 12mm.

| Code: | MP213R |
|--------------------|----------------------|
| Weight: | 290 g |
| Breaking strenght: | 25 kN |
| Norm: | CE - EN 12278 - UIAA |



PATROL light alloy Descender with double locking and anti-panic system. self-breaking in case of loss of descent control. Sensitive handle enables smooth descent. Also suitable for works at a height and for emergency self-evacuation. Rope can be inserted into device without unclipping it.

| Norm: | EN 12841-C | rope 9-10 mm, 130 kg rope 10-12 mm, 200 kg |
|---------|---------------------------|---|
| | EN 341 | rope 11 mm, 160 kg |
| Weight: | ANSI/ASSE Z359.4 425 g | rope 11 mm, 59-141 kg |
| Code: | MPATROL | |





D8 light alloy

Figure of eight belay and abseil device, its curved shape offers achoice between low or quicker descent, some ears help the cooling and allow to realise a locking key.

| Code: | MD8 |
|--------------------|--------|
| Weight: | 92 g |
| Height: | 108 mm |
| Width: | 80 mm |
| Breaking strength: | 25 kN |



S8 light alloy

Versatile medium size figure of eight belay device.

| Code: | MS8 |
|--------------------|--------|
| Weight: | 102 g |
| Height: | 132 mm |
| Width: | 74 mm |
| Breaking strength: | 25 kN |

SWIVEL SWR light alloy

Compact and light forged Aluminium eye to eye swivel with ball bearings, for smooth rotation even under load. Accepts 2 carabiners in each eye.

| Code: | MSWR |
|---------------------|----------|
| Weight: | 88 g |
| Norm: | CE EN354 |
| Length: | 83 mm |
| Width: | 39 mm |
| Breaking strength: | 22 kN |
| Working Load Limit: | 4 kN |





AS16 HANDLE ascender

This handle for rope ascent, takes advantage of a specific ergonomics allowing to position a hand on the top of the blocker and the other one in the wide handle, thus a drive at two hands is easy. The wide lower hole allows to connect simultaneously several carabiners whereas the upper hole allows to clip the rope to secure the crossings.

The full stainless steel mechanism insures a high durability.

| Code: | MAS16 |
|----------------------|------------------------------------|
| Weight: | 240 g |
| Height: | 235 mm |
| Width: | 110 mm |
| Norm: | CE - EN 567 - EN 12841-B 100 kg |
| Norm: | For ropes 8 - 13 mm in EN 567 |
| | For ropes 10 - 13 mm in EN 12841-B |
| Body & cam: | Light alloy |
| Lever: | Stainless steel |
| Handle & protection: | Plastic |



TB16 CHEST ascender

This very compact device is designed to fit perfectly our harness Hercules-Evo and as well all the fullbody harnesses with sternal Y straps construction. Its specific shape allows it not to turn on itself, thus improving the fluidity on the way up movement, the decreased position of the device improves the amplitude and efficiency of every movement. The full stainless steel mechanism insures a high durability.

| Code: | MTB16 |
|-------------|------------------------------------|
| Weight: | 160 g |
| Height: | 82 mm |
| Width: | 74 mm |
| Norm: | CE - EN 567 - EN 12841-B 100 kg |
| Norm: | For ropes 8 - 13 mm in EN 567 |
| | For ropes 10 - 13 mm in EN 12841-B |
| Body & cam: | light alloy |
| Lever: | Stainless steel |
| Protection: | Plastic |
| | |

SLOOP

SLOOP is a foot loop for rope ascent with handle or blocker. Adjustable in length (72-120cm) with fast tightening around the foot, the etrier is strengthened to preserve its opening and resist the abrasion. Also available with quick link.

| Length: | Adjustable length from 72 to 120 cm |
|-----------|-------------------------------------|
| Weight: | 70 g |
| Material: | Polyamide / Aluminium |
| Code: | LSLO |
| Code: | LSLO.M |





HERCULES EVO full body





HERCULES EVO full body Combination of sit and shoulders

| Code: | HEREVO.FUL |
|-------|--|
| S: | Height: 155-175 cm Waist: 70-90 cm Legs: 55-65 cm |
| M-L: | Height: 170-185 cm Waist: 80-105 cm Legs: 55-65 cm |
| XL: | Height: 180-210 cm Waist: 90-130 cm Legs: 60-75 cm |
| Norm: | CE - EN 813, EN 358, EN 361 |



QUADRO JUNCTION

Catch free nose trapezoid carabiner with automatic closure, its double action opening increases security, its specific shape is designed to perfectly connect webbing systems, such as sit and chest harnesses. i.e. our Hercules Evo.

Code: Weight: Туре: Length: Width: Opening: Major axis strength: Minor axis strength: Open gate strength: Material: Norm:

MQUAD / MQUAD.M 80 g

В

85 mm

70 mm

15 mm

20 kN

10 kN

5 kN

Light Alloy CE - EN362





FALL ARREST

SWING LANYARD

The SWING-LANYARD has two attachment points (20 & 40cm) and is certified to work with the Edelweiss SWING mobile fall arrest device, enabling it to be positioned away from the operator. It allows the operator to create a short or longer link dependent on their needs:

- Short link for work on a gentle slope or to limit the length of a fall (20 cm).
- Longer link to distance the rope from the operator and to gain freedom of movement (40 cm).

Strong points:

- Includes two restrainers to ensure the correct orientation of the connector at its extremity.
- Marked with a unique serial number.
- To be connected with our O3 (p 19)

| Code: | LSWI |
|--------------------|----------|
| Weight: | 64 g |
| Norm: | EN354 |
| Breaking strength: | 22 kN |
| Length: | 20/40 cm |

SWING

SWING is a mobile fall arrester with smooth rope friendly cams, designed to be used as the main fall arrest device or as a rope access back-up device, it can be placed or removed from the rope at any point, the cam allows to park the device on the rope. It can be associated with the SWING LANYARD length 20/40 cm to work away from the rope and can be released when loaded. The use in Rescue situation is also possible.

| Code: Weight: | MSWING 165 g | |
|------------------|---------------------------------------|--|
| Norm: | CE EN 353-2: EN12841-A: RESCUE: | Ø rope 11 mm Ø rope 11-13 mm Max. 100 kg Ø rope 11-13 mm Max. 200 kg |







HERCULES ACTION FULL + QUADRO

Full body harness for high access work. Great comfort, weight and price ratio. Front and dorsal attachment point. Three positioning rings, two gear loops, and four "D" accessory rings. The front textile loop attachment point (EN 813 & 358 standard) is extra protected and also has a ring. Black or green foliage colored harness for total discretion.

Full harness made from highly resistant materials, equiped with 3 COBRA (TM) quick release buckles to guarantee a perfect security even under load., anatomic shoulders, front and back fall arrest attachment points (EN 361 standard) made of high tensile steel.

The padding is reinforced with a polyethylene plate, 2 revolving side attachment points at 180° (EN 358 standard).

Formed and braided gear loops supporting lots for your equipment with a guaranteed capacity of 10 kg, additional loops with a guaranteed capacity of 5 kg.



| Code: | HER.AK.FULQ Black | | |
|---------|-----------------------|------------------|----------------|
| Code: | HER.AK.FULQ.GRF Greer | n Foliage | |
| Weight: | 1450 g / M-L | | |
| Norm: | CE EN 358-813-361 | | |
| S: | Height: 155-175 cm | Waist: 70-90 cm | Legs: 55-65 cm |
| M-L: | Height: 170-185 cm | Waist: 80-105 cm | Legs: 55-65 cm |
| XL: | Height: 180-210 cm | Waist: 90-130 cm | Legs: 60-75 cm |



HERCULES EVO SIT

Sit harness made from highly resistant materials. Padding is reinforced with a polyethylene plate. 2 revolving side attachment points at 180° according to the EN 358 standard.

Formed and braided gear loops supporting lots for your equipment with a guaranteed capacity of 10kg.

- Additional loops with a guaranteed capacity of 5kg.
- Streak reflex at waist belt.
- Textile loop for the EN 813 standard attachment point is extra protected.
- 4 adjustment buckles.
- Easy to combine with Hercules Evo shoulders.

Code: HEREVO.SIT

| S: | Height: 155-175 cm | Waist: 70-90 cm | Legs: 55-65 cm |
|-------|---------------------|------------------|----------------|
| M-L: | Height: 170-185 cm | Waist: 80-105 cm | Legs: 55-65 cm |
| XL: | Height: 180-210 cm | Waist: 90-130 cm | Legs: 60-75 cm |
| Norm: | CE - EN 813, EN 358 | | |



HERCULES ACTION SIT

Sit harness made from highly resistant materials.

Padding is reinforced with a polyethylene plate.

2 revolving side attachment points at 180° according to the EN 358 standard.

Formed and braided gear loops supporting lots for your equipment with a guaranteed capacity of 10 kg.

Additional loops with a guaranteed capacity of 5 kg.

Textile loop for the EN 813 standard attachment point is extra protected.

Black colored harness for total discretion.

Equiped with 3 COBRA (TM) guick release buckles to guarantee a perfect security even under load.

| Code: | HER.AK.SIT |
|-------|--------------------|
| S: | Height: 155-175 cm |

| S: | Height: 155-175 cm | Waist: 70-90 cm | Legs: 55-65 cm |
|-------|---------------------|------------------|----------------|
| M-L: | Height: 170-185 cm | Waist: 80-105 cm | Legs: 55-65 cm |
| XL: | Height: 180-210 cm | Waist: 90-130 cm | Legs: 60-75 cm |
| Norm: | CE - EN 813, EN 358 | | |





VULCAIN JACK

Fall arrest harness with front and back attachment point, designed to be super simple to wear, very light it offers a great ability in movement. The removable and breathable jacket increases the confort particularly in the shoulders area.

| Code: | HVUL.J |
|---------|------------------------------|
| Weight: | 1065 g |
| Norm: | CE EN361 |
| Sizes: | Universal S-XL |
| | for users from 155 to 200 cm |





VULCAIN

Fall arrest harness with front and back attachment point, designed to be super simple to wear, very light it offers a great ability in movement.

| Code: | HVUL |
|---------|------------------------------|
| Weight: | 780 g |
| Norm: | CE EN361 |
| Sizes: | Universal S-XL |
| | for users from 155 to 200 cm |





WORKING SEAT & RESCUE



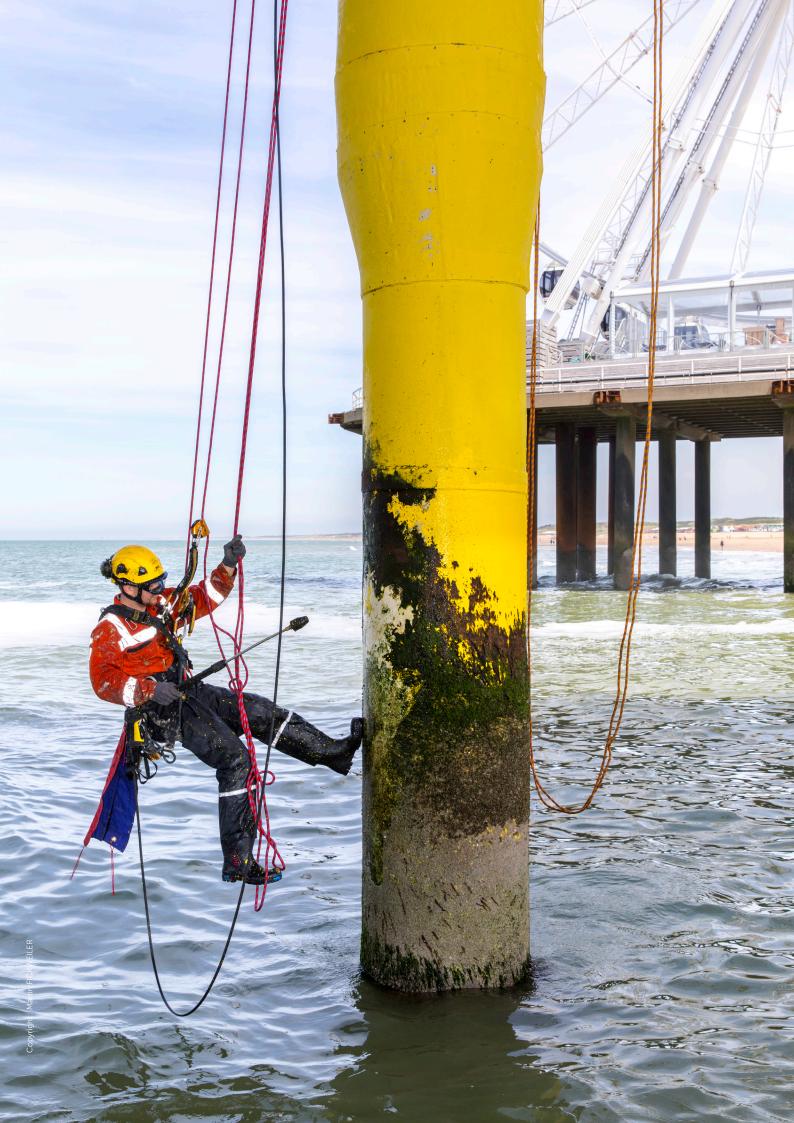
DELTA RESCUE

Vertical rescue harness equiped with shoulder straps, big textile attachment points and a back handle.

| Code: | HR.DELT |
|-------|---------------------|
| Size: | Uni |
| Norm: | CE EN 1497, EN 1498 |



edelWeiss





ARROW work helmet

Work helmet designed with a durable ABS injection molded shell and EPS inner pad, comfortable with its suspended harness, size-fitting via wheel adjuster. Side slots for ear protectors. Headlamp clips to secure your lighting. A releasing system insures the chin strap's strength is less than 25 daN. Closure with automatic buckle. Removable and washable comfort padding. Meets the optional requirements of the EN 397 standard for use in very low temperature (-20°C), lateral deformation and molten metal spray.

| Code: | KARROW |
|-----------|--|
| Weight: | 390 g |
| Norm: | CE - EN 397 |
| | Plus optional requirements of the standard for use in |
| | low temperatures (-20°C), lateral deformation and mol- |
| | ten metal spray. |
| Size: | Wheel adjuster for a perfect fit from 54 to 62 cm |
| Material: | ABS shell + internal EPS pad |
| | - |





Removable and washable comfort padding.



Wheel adjuster



Safety buckle to release the strap over 25 daN



VERTIGE

The VERTIGE is a robust helmet with an ABS outer shell, designed for intensive use in a group environment such as on high ropes courses. The inner liner is suspended and easily adjustable with a strong and simple buckle. The helmet is designed to be durable and easy to wash. Neither the foam nor plastic parts affect the helmet's robustness. Ventilated by 10 large vents and also eqquipped with headlamp clips to secure your lighting.

| Code: | KVER |
|-----------|--------|
| Weight: | 380 g |
| Size: | 54 - 6 |
| Material: | ABS s |
| Norm: | CE - E |
| | |

80 g 4 - 62 cm .BS shell :E - EN 12492



Easy adjustment



Magnetic locked buckle





HELMETS



VITAL II

Hybrid helmet design with a durable ABS injection molded shell and EPS inner foam to spread the impact force, comfortable and ventilated by 10 large vents. Size-fitting via wheel adjuster. Headlamp clips to secure your lighting. The chin strap's strength is more than 50daN to ensure the helmet remains secured during an impact. This model has a closure by innovative magnetic buckle, super easy to handle even with gloves. Removable and whashable comfort padding.

| Code: | KVIT2 |
|-----------|--|
| Weight: | 435 g |
| Size: | 51 > 62 cm |
| Material: | ABS shell + Expanded Polystyrene liner |
| Norm: | CE EN 12492 |



Magnetic locked buckle





SPEED CONTROL

SPEED CONTROL is a full-fingered leather glove also made out of breathable stretch fabric for a comfortable fit. It is designed for belay/rappel and is extremely resistant to the heat and abrasion caused by the rope friction.

- Goat leather for the palm and woven nylon with four-way stretch on the back
- Palm patches in aramid special fabric and aramid stitches for higher abrasion resistance
- Cuff closure by Velcro

Code: GL.04 Weight: 113 g/pair (M) Material: Goat Leather Polyamid fourway

113 g/pair (M) Goat Leather Polyamid fourway stretch fabric reinforced aramid fabric



NEV



CONTROL

CONTROL is a full-fingered perforated leather glove also made out of high abrasion leather and stretch fabric for a perfect fit. It is designed for belay/rappel and is resistant to the cut and abrasion.

- Goat perforated leather for the palm and woven nylon with four-way stretch on the back
- Palm reinforced in high abrasion leather and a special cut resistant aramid liner.
- Cuff closure by Velcro

| Code: | |
|-----------|--|
| Weight: | |
| Material: | |

GL.05 126 g/pair (M) High abrasion leather Polyamid fourway stretch fabric anti cut aramid liner





BAG

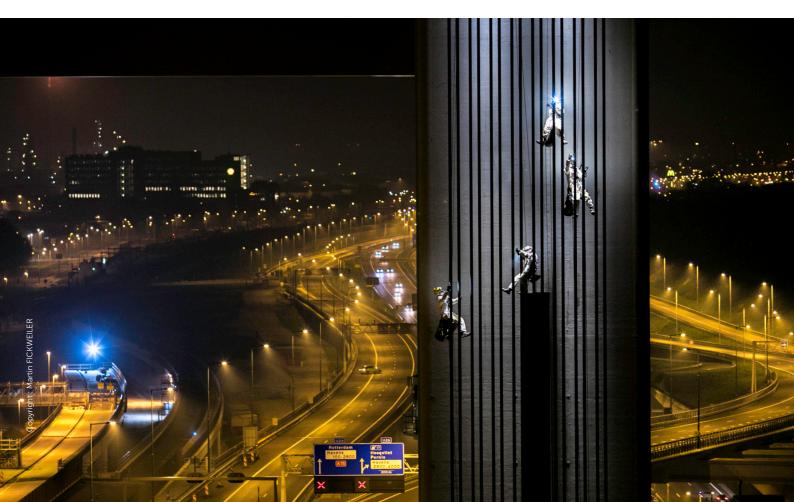
D90 DUFFLE BAG

Rugged construction tarpaulin duffle bag. Large 90 liters capacity with big identification window, pocket on top and internal mesh pockets. Also equipped with four compression straps, haul handles on ends and removable shoulder straps. This bag is designed for long distance trips all over the world.

| Code: | SAC D90 |
|-----------|---------------------------------|
| Size: | 90 liters |
| Weight: | 2100 g |
| Material: | PVC / Polypropylene / Polyester |



IE







ROPE PROTECTOR

Reinforced PVC rope protection wit extremely high abrasion resistance to prevent rope damages when the rope is installed on an edge rock or potentially hazardous surface. Opens and attaches easily.



110 g - 135 g - 175 g 70 cm, 90 cm, 120 cm Polyamid / PVC



ROPE CLEANER

A non-aggressive detergent developed for easy cleaning of polyamide products / ropes or harnesses. However the water temperature used should be less than 30 Celcius.

D.ROCLEAN

Code:



ROPE BRUSH

Our own development for cleaning ropes after action. The brush adapts easy to different rope diameters. Fix the brush on the rope, then slide the brush along the rope while holding the rope under water.

D.ROBRUSH Code:



THERMO CUTTER

This Thermocutter features an electrically heated blade designed for cutting all ropes easily and effortlessly. Heats up instantly.

D.THCUT Code:





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