

2021

WORKBOOK



ECO RESPO

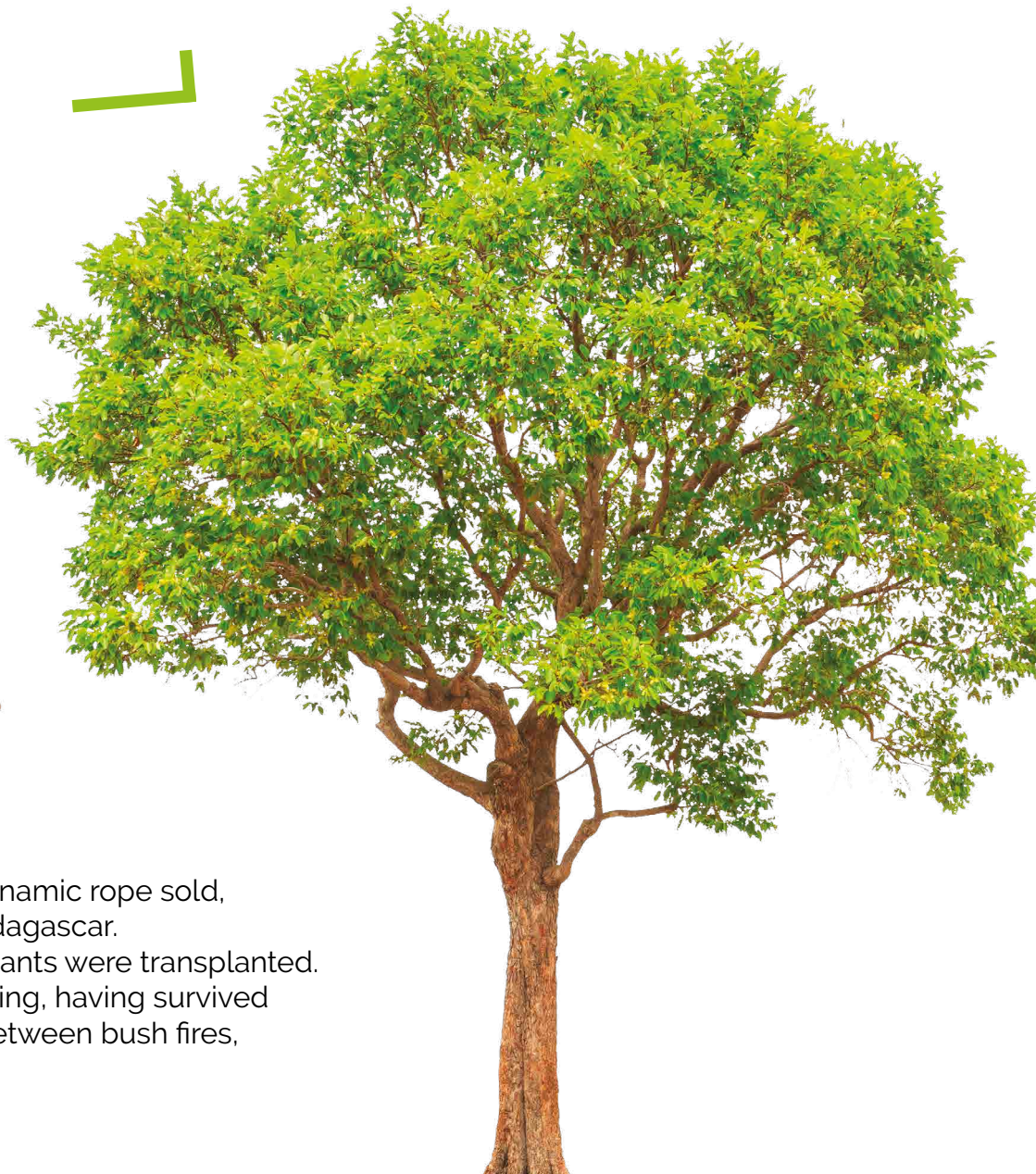
Because nature is an exceptional p
That's why Beal leads 2 iconic actions to acc

1. FOR EVERY DYNAMIC
ROPE SOLD,
BEAL PLANTS A TREE :

1 dynamic ROPE
=
1 TREE

1 DYNAMIC ROPE = 1 TREE

1 dynamic rope
=
1 tree



Since 2007, for every dynamic rope sold,
Beal plants a tree in Madagascar.
About 700,000 young plants were transplanted.
About 250,000 are growing, having survived
the first difficult years, between bush fires,
and prolonged drought.

ONSIBILITY

playground, we strive to preserve it.
company the life cycle of our dynamic ropes :

2. BEAL ORGANIZES THE RECYCLING OF DYNAMIC ROPES AT THE END OF THEIR LIFE :

**100 %
RECYCLABLE**



RECYCLING BEAL DYNAMIC ROPES



As we all know, we only have one planet.
The number of non-recycled waste remains high
despite the progress already made.

**That's why Beal for 10 years
has made 100% of its dynamic ropes
recyclable.**



Anyone can send the used Beal dynamic ropes
to our recycling department.

**100 %
RECYCLABLE**



They will be stored, sorted and sent to a partner
processing unit where they will be crushed,
pelletized and put back into the circuit
of the plastics industry for **a second life.**



Each climber can send used Beal dynamic ropes,
but other climbers can become
volunteer collection points
and help give the used ropes a second life.



*For example: dealer of mountain equipment, clubs,
competitions, events, federations, training centers,
professionals (Guide, monitor ...) ...*



**Already dealers who are very involved in sustainable development and the
circular economy are volunteering to collect used Beal ropes.**

Be aware that they will return these ropes to the nearest Beal recycling service at
their own expense.



To return your used BEAL dynamic ropes :

Beal - Service Recyclage - 2 rue Rabelais - 38200 Vienne - France

www.beal-planet.com/adn/eco-responsabilite/

BARRANCO

Lightweight canyoning harness for groups and clubs. Fitted with an interchangeable PVC protector and designed so one size fits all (XS-XL) due to its 3 adjustment buckles, it meets all the criteria for group users in canyoning sports. CANYON USE GROUPS = 2 YEARS MAX.



| | | LEG LOOP ADJUSTMENT | WAIST | LEG LOOP | WEIGHT | STANDARDS | | |
|----------|-------|---------------------|-------------|------------|--------|-----------|---------|---------|
| Barranco | BHBAR | ✓ | 60 - 100 cm | 45 - 72 cm | 615 g | EN 12277 | 28,00 € | 56,00 € |

CHALK CRUMBLE

Crunchy chalk that dries the hands and ameliorate the friction against the rock or indoor structure. Its resealable packaging protects the chalk from humidity and make it easy to carry as a potential refiller.



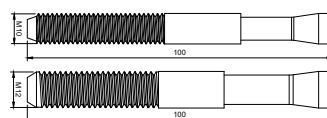
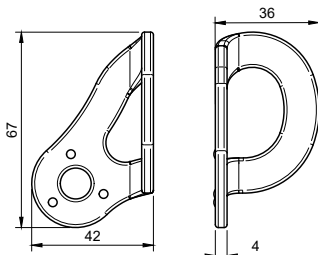
| | | | |
|-----------|-------|--------|--------|
| BBCRUMBLE | 200 g | 4,00 € | 8,00 € |
|-----------|-------|--------|--------|

MOOR

Bent hanger with a large opening to facilitate the carabiner clipping and a vertical shifted anchor point. Asperities at the back of the hanger prevent it from turning.

2 different types of steel available :

- ▶ STEEL : Standard steel for indoor use or as temporary anchor.
- ▶ STAINLESS STEEL 316 L : Reinforced Stainless steel for classical exterior environments except in extremely corrosive environments.



| | | MATERIAL | WEIGHT | STANDARDS | | |
|-----------------------|------------|-----------------------|--------|-------------------|---------|----------|
| MOOR 10 mm (x20) | BMH.M10 | STEEL | 70 g | EN 795 A / EN 959 | 12,60 € | 25,20 € |
| MOOR 10 mm (x20) | BMH.M10SS | STAINLESS STEEL 316 L | 71 g | EN 795 A / EN 959 | 26,70 € | 53,40 € |
| MOOR 12 mm (x20) | BMH.M12 | STEEL | 70 g | EN 795 A / EN 959 | 12,60 € | 25,20 € |
| MOOR 12 mm (x20) | BMH.M12SS | STAINLESS STEEL 316 L | 71 g | EN 795 A / EN 959 | 26,70 € | 53,40 € |
| MOOR BOLT 10 mm (x20) | BMH.MB10 | STEEL | 70 g | EN 795 A / EN 959 | 30,70 € | 61,40 € |
| MOOR BOLT 10 mm (x20) | BMH.MB10SS | STAINLESS STEEL 316 L | 72 g | EN 795 A / EN 959 | 68,70 € | 137,40 € |
| MOOR BOLT 12 mm (x20) | BMH.MB12SS | STAINLESS STEEL 316 L | 96 g | EN 795 A / EN 959 | 79,70 € | 159,40 € |

ORIENT EXPRESS BI-MATIC

Dealer price

Suggested public price

Unidirectional locking karabiner designed for use with belay devices. Thanks to the gate that clips onto a harness' belay loop, the karabiner cannot be inverted. This ensures the correct orientation of the karabiner and reduces the risk of the belay system being weakened through cross loading.

Available in 2 versions : screw or with double action closing (Bi-Matic).



BI MATIC



| | DIMENSIONS | OPENING | RESISTANCE MAJOR AXIS | RESISTANCE MINOR AXIS | RESISTANCE GATE OPEN | WEIGHT | STANDARDS | Dealer price | Suggested public price |
|---------|------------|---------|-----------------------|-----------------------|----------------------|--------|--------------|--------------|------------------------|
| BMCLOE2 | 118x72 mm | 18,6 mm | 25 kN | 7 kN | 7 kN | 89 g | EN 12275 BHT | 9,50 € | 19,00 € |

BE LINK BI-MATIC

Asymmetrical screwgate karabiner for lanyards. Its design and shape make it particularly easy to use at the end of a lanyard to clip to a belay.

Available in 3 versions : screw, double action (Bi-Matic) or triple action (3-Matic).



BI MATIC



| | DIMENSIONS | OPENING | RESISTANCE MAJOR AXIS | RESISTANCE MINOR AXIS | RESISTANCE GATE OPEN | WEIGHT | STANDARDS | Dealer price | Suggested public price |
|----------|------------|---------|-----------------------|-----------------------|----------------------|--------|------------------------|--------------|------------------------|
| BMCLBLN2 | 108x66 mm | 20 mm | 26 kN | 8 kN | 7 kN | 65 g | EN 12275 B EN 362 B | 7,20 € | 14,40 € |

STAR GATE

Karabiner with straight gate. The star gate is equipped with the Keylock system to make the unclipping easier.



| | DIMENSIONS | OPENING | RESISTANCE MAJOR AXIS | RESISTANCE MINOR AXIS | RESISTANCE GATE OPEN | WEIGHT | STANDARDS | Dealer price | Suggested public price |
|-------|------------|---------|-----------------------|-----------------------|----------------------|--------|------------|--------------|------------------------|
| BMCSG | 99x58 mm | 19 mm | 24 kN | 8 kN | 7 kN | 43 g | EN 15575 B | 4,00 € | 8,00 € |

NEW



ROPES

① SINGLE ROPE

①/2 HALF ROPE

② TWIN ROPE

ACTIVE LINE

9,5 mm ZENITH



| | |
|---------------------|--------|
| Impact force | 7,5 kN |
| Number of falls | 6 |
| % Sheath | 38 % |
| Weight per metre | 60 g |
| Sharp edge strenght | - |

Lightweight, performance orientated single rope for use at the crag. Its diameter makes the ZENITH 9.5 run smoothly through karabiners, therefore making it easier to clip.

| | | |
|----------------------------|-----------------------|-------|
| Colours : | BC095Z.200.col | 200 m |
| Blue (B) - Solid Pink (SP) | BC095Z.50.col | 50 m |
| | BC095Z.60.col | 60 m |
| | BC095Z.70.col | 70 m |
| | BC095Z.80.col | 80 m |



9,8 mm KARMA



| | |
|---------------------|--------|
| Impact force | 7,5 kN |
| Number of falls | 7 |
| % Sheath | 34 % |
| Weight per metre | 58 g |
| Sharp edge strenght | - |

As an intermediate cragging rope, the KARMA 9.8 helps you to get used to smaller rope diameters. It offers the perfect compromise between handling and thinness for climbers wanting to progress.

| | | |
|--------------------------------|-----------------------|-------|
| Colours : | BC098K.200.col | 200 m |
| Yellow (Y) - Solid Orange (SO) | BC098K.50.col | 50 m |
| | BC098K.60.col | 60 m |
| | BC098K.70.col | 70 m |
| | BC098K.80.col | 80 m |



10 mm VIRUS



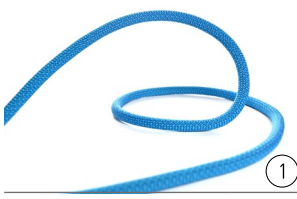
| | |
|---------------------|--------|
| Impact force | 7,6 kN |
| Number of falls | 8 |
| % Sheath | 37 % |
| Weight per metre | 63 g |
| Sharp edge strenght | - |

As the ultimate rope when it comes to versatility, the VIRUS 10 works with the majority of belay devices and in all conditions. Its diameter, which is neither too thick nor thin, improves control and durability.

| | | |
|-----------------------------|-----------------------|-------|
| Colours : | BC100V.200.Col | 200 m |
| Pink (P) - Solid Green (SG) | BC100V.50.Col | 50 m |
| | BC100V.60.Col | 60 m |
| | BC100V.70.Col | 70 m |
| | BC100V.80.Col | 80 m |



10,2 mm ANTIDOTE



| | |
|---------------------|--------|
| Impact force | 7,8 kN |
| Number of falls | 8 |
| % Sheath | 33 % |
| Weight per metre | 66 g |
| Sharp edge strenght | - |

Versatile cragging rope with a larger diameter to promote handling when belaying and increased abrasion resistance.

| | | |
|------------------------------|-----------------------|-------|
| Colours : | BC102A.200.Col | 200 m |
| Yellow (Y) - Solid Blue (SB) | BC102A.50.Col | 50 m |
| | BC102A.60.Col | 60 m |
| | BC102A.70.Col | 70 m |
| | BC102A.80.Col | 80 m |



ROPES

① SINGLE ROPE

①/2 HALF ROPE

② TWIN ROPE

NEW

ACTIVE LINE

8,3 mm LEGEND



①/2

| | |
|---------------------|--------|
| Impact force | 5,3 kN |
| Number of falls | 13 |
| % Sheath | 39 % |
| Weight per metre | 47 g |
| Sharp edge strenght | - |

Lightweight and supple double rope for long routes. Its feel improves the LEGEND 8,3's level of safety when belaying.

| | | |
|----------------------|-----------------------|---------|
| Colours : | BCo83L.200.Col | 200 m |
| Green (G) - Pink (P) | BCo83L.50.Col | 50 m |
| | BCo83L.60.Col | 60 m |
| | BCo83L.502.GP | 2x 50 m |
| | BCo83L.602.GP | 2x 60 m |



9,8 mm DIABLO UNICORE



①

| | |
|---------------------|--------|
| Impact force | 8,2 kN |
| Number of falls | 5 |
| % Sheath | 36 % |
| Weight per metre | 61 g |
| Sharp edge strenght | - |



After DIABLO 10,2 UNICORE, BEAL has developed the DIABLO 9,8 UNICORE for more demanding climbers. Due to its very fluid running sheath the 9,8 DIABLO UNICORE performs even better when pulling slack and clipping than 'classic' ropes of smaller diameter and lower weight.

| | | |
|-----------|--------------------|------|
| Colours : | BCo98D.50.R | 50 m |
| Red (R) | BCo98D.60.R | 60 m |
| | BCo98D.70.R | 70 m |
| | BCo98D.80.R | 80 m |



10,2 mm DIABLO UNICORE



①

| | |
|---------------------|--------|
| Impact force | 8,4 kN |
| Number of falls | 6 |
| % Sheath | 40 % |
| Weight per metre | 64 g |
| Sharp edge strenght | - |



DIABLO 10,2 UNICORE is the first outdoor use dynamic rope to receive the UNICORE treatment. Its diameter will provide reassurance to the majority of climbers, while its slick sheath and supple handling give the sensation of using a much thinner rope. This rope is good for all, being effective for the leader and reassuring for the belayer.

| | | |
|-----------|--------------------|------|
| Colours : | BC102D.50.G | 50 m |
| Green (G) | BC102D.60.G | 60 m |
| | BC102D.70.G | 70 m |
| | BC102D.80.G | 80 m |



8 mm RANDO



②

| | | |
|---------------------|---------------------------------|---------------------|
| | 1 strand 80 kg factor 0,8 | Twin rope EN 892 |
| Impact force | 4,2 kN | 8,5 kN |
| Number of falls | 5 | 12 |
| % Sheath | 40 % | 40 % |
| Weight per metre | 36 g | 36 g |
| Sharp edge strenght | - | ✓ |

At just 36 grams per metre, it takes up little room, but it takes the impact ! On snowfields and steep passages, during mountain walking or skiing, its properties ensure your security.

| | | |
|----------------------------------|----------------------|-------|
| Colours : | BCo8R.200.Col | 200 m |
| Orange (O) -Blue (B) - Green (G) | BCo8R.20.Col | 20 m |
| | BCo8R.30.Col | 30 m |
| | BCo8R.48.col | 48 m |



ROPES

① SINGLE ROPE

①/2 HALF ROPE

② TWIN ROPE

ACTIVE LINE INDOOR

9,6 mm WALL CRUISER UNICORE



This new rope is specifically developed for children use in climbing gyms. The smaller diameter makes handling and belay device manipulation easier. Its thick sheath allows greater resistance to abrasion. High-level indoor climbers will appreciate its thinness and maneuverability. UNICORE process.

| | |
|---------------------|--------|
| Impact force | 8,2 kN |
| Number of falls | 6 |
| % Sheath | 41 % |
| Weight per metre | 62 g |
| Sharp edge strenght | - |

| | | |
|-----------------------------------|-----------------------|-------|
| Colours : | BC096W.200.col | 200 m |
| Green (G) - Blue (B) - Orange (O) | BC096W.20.col | 20 m |
| | BC096W.25.col | 25 m |
| | BC096W.30.col | 30 m |
| | BC096W.40.col | 40 m |
| | BC096W.50.col | 50 m |



10,2 mm WALL SCHOOL UNICORE



This new rope was specifically developed for indoor use in climbing gyms. The small diameter allows children to gain better handling and confidence knowing that this rope is perfectly adapted to them. Thick sheath allows greater resistance to abrasion. UNICORE process

| | |
|---------------------|--------|
| Impact force | 8,4 kN |
| Number of falls | 6 |
| % Sheath | 40 % |
| Weight per metre | 64 g |
| Sharp edge strenght | - |

| | | |
|--------------------------------|-----------------------|-------|
| Colours : | BC102W.200.Col | 200 m |
| Blue (B) - Red (R) - Green (G) | BC102W.20.Col | 20 m |
| | BC102W.30.Col | 30 m |
| | BC102W.40.Col | 40 m |
| | BC102W.50.Col | 50 m |



10,5 mm WALL MASTER VI UNICORE



Designed specifically for the climbing wall environment - the thicker sheath associated with the UNICORE process makes for a tougher rope perfectly adapted to resist wear due to repeated belays and low impact falls.

| | |
|---------------------|--------|
| Impact force | 8,4 kN |
| Number of falls | 7 |
| % Sheath | 47 % |
| Weight per metre | 71 g |
| Sharp edge strenght | - |

| | | |
|------------------------------------|-----------------------|-------|
| Colours : | BC105W.200.Col | 200 m |
| Violet (V) - Blue (B) - Orange (O) | BC105W.20.Col | 20 m |
| | BC105W.30.Col | 30 m |
| | BC105W.40.Col | 40 m |
| | BC105W.50.Col | 50 m |



9,6 mm LOCK UP CRUISER



Belay system for top rope climbing that reduces time to tie-in thanks to the removal of the figure-of-8 knot. Easy to use and to set up, it allows the instructor to make a simple verification that a connection has been made between climber and rope. TWIN SMITH CAPTIVE+WALL CRUISER+sewn term.

| | | |
|-----------------------------------|-----------------------|------|
| Colours : | BC096WL.20.Col | 20 m |
| Green (G) - Blue (B) - Orange (O) | BC096WL.25.Col | 25 m |
| | BC096WL.30.Col | 30 m |
| | BC096WL.40.Col | 40 m |



10,2 mm LOCK UP SCHOOL



Belay system for top rope climbing that reduces time to tie-in thanks to the removal of the figure-of-8 knot. Easy to use and to set up, it allows the instructor to make a simple verification that a connection has been made between climber and rope. TWIN SMITH CAPTIVE+WALL SCHOOL+sewn term.

| | | |
|--------------------------------|-----------------------|------|
| Colours : | BC102WL.20.Col | 20 m |
| Blue (B) - Red (R) - Green (G) | BC102WL.25.Col | 25 m |
| | BC102WL.30.Col | 30 m |
| | BC102WL.40.Col | 40 m |



ROPES

① SINGLE ROPE ①/2 HALF ROPE ② TWIN ROPE

INTENSIVE LINE

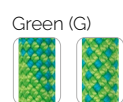
8,5 mm OPERA UNICORE - DRY COVER



Weighing in at only 48 g per meter, the Opera 8.5 is the first sub 50g rope and is the lightest and thinnest single rope on the market. The rope is made with technology that combines all of Béal's know-how, resulting in low impact forces, UNICORE technology and DRY COVER protection.

| | ① | ①/2 | ② |
|---------------------|--------------------|------------------------------|------------------------------|
| Impact force | 7,4 kN (with 80kg) | 5,5 kN (with 55kg /1 strand) | 8,8 kN (with 80kg /2 strand) |
| Number of falls | 5 | 18 | > 25 |
| % Sheath | 39 % | 39 % | 39 % |
| Weight per metre | 48 g | 48 g | 48 g |
| Sharp edge strenght | - | - | - |

| Colours : | BC085O.200.Col | 200 m |
|-------------------------|----------------|-------|
| Green (G) - Blue (B) | BC085O.50.Col | 50 m |
| | BC085O.60.Col | 60 m |
| | BC085O.70.Col | 70 m |
| | BC085O.80.Col | 80 m |
| SAFE CONTROL - Colour : | BC085O.100SC.G | 100 m |



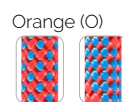
9,1 mm JOKER UNICORE - DRY COVER



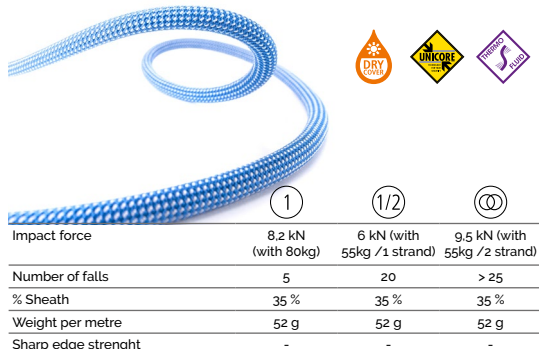
The JOKER, at one and the same time a single, double, and twin rope, is now UNICORE and will delight the most experienced climbers and alpinists seeking lightness, easy running and security, and at the same time the traditionalists looking for a multi-purpose rope for ridge climbs, or other classic, mixed or snow routes.

| | ① | ①/2 | ② |
|---------------------|--------------------|----------------------------|------------------------------|
| Impact force | 8,2 kN (with 80kg) | 6 kN (with 55kg /1 strand) | 9,5 kN (with 80kg /2 strand) |
| Number of falls | 5 | 20 | > 25 |
| % Sheath | 35 % | 35 % | 35 % |
| Weight per metre | 52 g | 52 g | 52 g |
| Sharp edge strenght | - | - | - |

| Colours : | BC091J.200.Col | 200 m |
|-------------------------|----------------|-------|
| Orange (O) - Blue (B) | BC091J.50.Col | 50 m |
| | BC091J.60.Col | 60 m |
| | BC091J.70.Col | 70 m |
| | BC091J.80.Col | 80 m |
| SAFE CONTROL - Colour : | BC091J.100SC.O | 100 m |



9,1 mm JOKER SOFT UNICORE - DRY COVER



The JOKER SOFT is a softened version of the JOKER intended for climbers that favors fluidity and pleasant to use rope rather than durability.

| | ① | ①/2 | ② |
|---------------------|--------------------|----------------------------|------------------------------|
| Impact force | 8,2 kN (with 80kg) | 6 kN (with 55kg /1 strand) | 9,5 kN (with 80kg /2 strand) |
| Number of falls | 5 | 20 | > 25 |
| % Sheath | 35 % | 35 % | 35 % |
| Weight per metre | 52 g | 52 g | 52 g |
| Sharp edge strenght | - | - | - |

| Colours : | BC091J.60S.Col | 60 m |
|-----------|----------------|------|
| Blue (B) | BC091J.70S.Col | 70 m |
| | BC091J.80S.Col | 80 m |



9,4 mm STINGER III UNICORE - DRY COVER



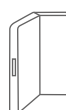
Designed for high-level climbers, this is the single rope preferred for very hard routes. Amateurs stand aside...

| | |
|---------------------|--------|
| Impact force | 7,5 kN |
| Number of falls | 7 |
| % Sheath | 38 % |
| Weight per metre | 57 g |
| Sharp edge strenght | - |

| Colours : | BC094S.50.Col | 50 m |
|---------------------|---------------|------|
| Anis (A) - BLUE (B) | BC094S.60.Col | 60 m |
| | BC094S.70.Col | 70 m |
| | BC094S.80.Col | 80 m |



NEW



ROPES

① SINGLE ROPE

①/2 HALF ROPE

② TWIN ROPE

INTENSIVE LINE

9,7 mm BOOSTER III UNICORE - DRY COVER



Compact, easy-running and ultra-light, this, the pioneer of thin ropes slides in everywhere. It offers excellent performance for very experienced climbers.



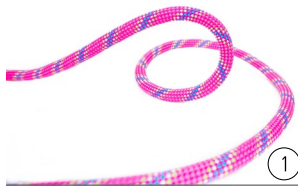
| | |
|---------------------|--------|
| Impact force | 7,4 kN |
| Number of falls | 7 |
| % Sheath | 42 % |
| Weight per metre | 61 g |
| Sharp edge strenght | ✓ |

| | | |
|-------------------------|-----------------------|-------|
| Colours : | BC097B.200.Col | 200 m |
| Anis (A) - Blue (B) | BC097B.50.Col | 50 m |
| | BC097B.60.Col | 60 m |
| | BC097B.70.Col | 70 m |
| | BC097B.80.Col | 80 m |
| SAFE CONTROL - Colour : | BC097B.60SC.A | 60 m |
| Anis (A) | BC097B.70SC.A | 70 m |
| | BC097B.80SC.A | 80 m |

10 mm TIGER UNICORE - DRY COVER



TIGER 10 mm is an example of multipurpose: in climbing it's the introductory rope for those starting to use thin ropes. Now benefitting from the new UNICORE technology, it becomes the perfect rope for all adventures.



| | |
|---------------------|--------|
| Impact force | 7,6 kN |
| Number of falls | 7 |
| % Sheath | 40 % |
| Weight per metre | 60 g |
| Sharp edge strenght | ✓ |

| | | |
|-------------------------|-----------------------|-------|
| Colours : | BC100T.200.Col | 200 m |
| Fuschia (F) - Green (G) | BC100T.50.Col | 50 m |
| | BC100T.60.Col | 60 m |
| | BC100T.70.Col | 70 m |
| | BC100T.80.Col | 80 m |

10,2 mm FLYER II - DRY COVER



Of modern design, concentrating all the latest BEAL innovations for great handling with relative lightness.



| | |
|---------------------|--------|
| Impact force | 7,4 kN |
| Number of falls | 9 |
| % Sheath | 37 % |
| Weight per metre | 63 g |
| Sharp edge strenght | ✓ |

| | | |
|-------------------------|----------------------|-------|
| Colours : | BC102F.200.A | 200 m |
| Anis (A) | BC102F.50.A | 50 m |
| | BC102F.60.A | 60 m |
| | BC102F.70.A | 70 m |
| | BC102F.80.A | 80 m |
| SAFE CONTROL - Colour : | BC102F.60SC.A | 60 m |
| Anis (A) | BC102F.70SC.A | 70 m |
| | | |

10,5 mm TOP GUN II UNICORE - DRY COVER



This rope already has high level results for its record number of falls (11) and its low impact force (7,5 kN). For the future it will now also benefit from the new UNICORE technology, which will undeniably confer it with extra security.



| | |
|---------------------|--------|
| Impact force | 7,5 kN |
| Number of falls | 11 |
| % Sheath | 40 % |
| Weight per metre | 67 g |
| Sharp edge strenght | ✓ |

| | | |
|----------------------|-----------------------|-------|
| Colours : | BC105T.200.Col | 200 m |
| Green (G) - Blue (B) | BC105T.50.Col | 50 m |
| | BC105T.60.Col | 60 m |
| | BC105T.70.Col | 70 m |

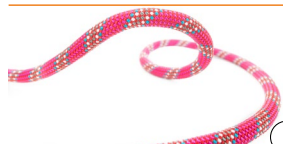
ROPES

① SINGLE ROPE ①/2 HALF ROPE ② TWIN ROPE

NEW


INTENSIVE LINE

11 mm APOLLO II - DRY COVER



Toughest of the tough, this traditional, virtually indestructible rope is capable of surviving the demands of outdoor centres and big walls.

| | |
|---------------------|-------|
| Impact force | 77 kN |
| Number of falls | 16 |
| % Sheath | 35 % |
| Weight per metre | 77 g |
| Sharp edge strenght | ✓ |

| | | |
|---|----------------------|-------|
| Colours : | BC11A.200.Col | 200 m |
| Red (R) - Anis (A) | BC11A.50.Col | 50 m |
|  | BC11A.60.Col | 60 m |

9,4 mm FERRATA - DRY COVER

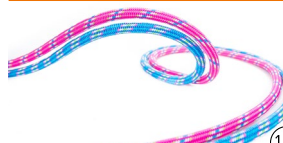


Single rope designed for optimum use by a roped party of 3 to 4 on VIA FERRATAS.

| | |
|---------------------|--------|
| Impact force | 8.2 kN |
| Number of falls | 6 |
| % Sheath | 37 % |
| Weight per metre | 59 g |
| Sharp edge strenght | ✓ |


| | | |
|------------|--------------------|------|
| Colours : | BC094F.28.O | 28 m |
| Orange (O) | | |

8,1 mm ICE LINE UNICORE - DRY COVER



Already considered to be the must-have rope for ice climbers and expert alpinists alike for its extreme fluidity and very low impact force, ICE LINE is henceforward available with the new UNICORE technology. Thanks to adherence of the core and sheath, ICE LINE benefits from extra security – indispensable on thin rope.

| | |
|---------------------|------|
| Impact force | 5 kN |
| Number of falls | 6 |
| % Sheath | 41 % |
| Weight per metre | 39 g |
| Sharp edge strenght | - |

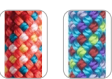

| | | |
|---|----------------------|---------|
| Colours : | BC081.50.coul | 50 m |
| Fuchsia (F) - Blue (B) | BC081.60.coul | 60 m |
|  | BC081.502.FB | 2x 50 m |
| | BC081.602.FB | 2x 60 m |

8,6 mm COBRA II UNICORE - DRY COVER



The great classic for adventure climbing. Light and free-running for ease of use on long routes, on the crag and in the Alps. Technical and robust enough to sustain the most difficult loadings, it is even better today because it now benefits from all the advantages of the UNICORE technology.

| | |
|---------------------|--------|
| Impact force | 5.4 kN |
| Number of falls | 15 |
| % Sheath | 39 % |
| Weight per metre | 49 g |
| Sharp edge strenght | ✓ |


| | | |
|---|-----------------------|---------|
| Colours : | BC086C.200.Col | 200 m |
| Orange (O) - Blue (B) | BC086C.50.Col | 50 m |
|  | BC086C.60.Col | 60 m |
| | BC086C.502.Col | 2x 50 m |
| | BC086C.602.Col | 2x 60 m |
| BICOLOR - Colour : | BC086C.100.GO | 100 m |
| Green/Orange (GO) | | |
|  | | |

9 mm VERDON II - DRY COVER



A classic double rope giving maximum security for all types of climbing.

| | |
|---------------------|--------|
| Impact force | 5.5 kN |
| Number of falls | 15 |
| % Sheath | 39 % |
| Weight per metre | 47 g |
| Sharp edge strenght | ✓ |

| | | |
|---|----------------------|---------|
| Colours : | BC09V.200.Col | 200 m |
| Yellow (Y) - Violet (V) | BC09V.50.Col | 50 m |
|  | BC09V.60.Col | 60 m |
| | BC09V.502.YV | 2x 50 m |



ROPES

① SINGLE ROPE

①/2 HALF ROPE

② TWIN ROPE

MOUNTAIN LINE



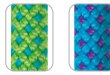
8,5 mm OPERA UNICORE - GOLDEN DRY



Weighing in at only 48 g per meter, the Opera 8.5 is the first sub 50g rope and is the lightest and thinnest single rope on the market. The rope is made with technology that combines all of Béal's know-how, resulting in low impact forces, UNICORE technology, DRY COVER protection and the UIAA Water Repellent standard.

| | ① | ①/2 | ② |
|---------------------|--------------------|------------------------------|------------------------------|
| Impact force | 7.4 kN (with 80kg) | 5.5 kN (with 55kg /1 strand) | 8.8 kN (with 80kg /2 strand) |
| Number of falls | 5 | 18 | > 25 |
| % Sheath | 39 % | 39 % | 39 % |
| Weight per metre | 48 g | 48 g | 48 g |
| Sharp edge strenght | - | - | - |

| Colours : | | |
|----------------------|-------------------------|-------|
| | BCo85O.200GD.Col | 200 m |
| Green (G) - Blue (B) | BCo85O.50GD.Col | 50 m |
| | BCo85O.60GD.Col | 60 m |
| | BCo85O.70GD.Col | 70 m |
| | BCo85O.80GD.Col | 80 m |



9,1 mm JOKER UNICORE - GOLDEN DRY



The JOKER, at one and the same time a single, double, and twin rope, is now UNICORE and will delight the most experienced climbers and alpinists seeking lightness, easy running and security, and at the same time the traditionalists looking for a multi-purpose rope for ridge climbs, or other classic, mixed or snow routes.

| | ① | ①/2 | ② |
|---------------------|--------------------|----------------------------|------------------------------|
| Impact force | 8.2 kN (with 80kg) | 6 kN (with 55kg /1 strand) | 9.5 kN (with 80kg /2 strand) |
| Number of falls | 5 | 20 | > 25 |
| % Sheath | 35 % | 35 % | 35 % |
| Weight per metre | 52 g | 52 g | 52 g |
| Sharp edge strenght | - | - | - |

| Colours : | | |
|-----------------------|-------------------------|-------|
| | BCo91J.200GD.Col | 200 m |
| Orange (O) - Blue (B) | BCo91J.50GD.Col | 50 m |
| | BCo91J.60GD.Col | 60 m |
| | BCo91J.70GD.Col | 70 m |
| | BCo91J.80GD.Col | 80 m |



9,4 mm STINGER III UNICORE - GOLDEN DRY



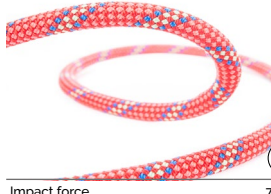
Designed for high-level climbers, this is the single rope preferred for very hard routes. Amateurs stand aside..

| | ① |
|---------------------|--------|
| Impact force | 7.5 kN |
| Number of falls | 7 |
| % Sheath | 38 % |
| Weight per metre | 57 g |
| Sharp edge strenght | - |

| Colours : | | |
|-------------|----------------------|------|
| | BCo94S.50GD.F | 50 m |
| Fuschia (F) | BCo94S.60GD.F | 60 m |
| | BCo94S.70GD.F | 70 m |



9,7 mm BOOSTER III UNICORE - GOLDEN DRY



Compact, easy-running and ultra-light, this, the pioneer of thin ropes slides in everywhere. It offers excellent performance for very experienced climbers.

| | ① |
|---------------------|--------|
| Impact force | 7.4 kN |
| Number of falls | 7 |
| % Sheath | 42 % |
| Weight per metre | 61 g |
| Sharp edge strenght | ✓ |

| Colours : | | |
|------------|----------------------|------|
| | BCo97B.50GD.O | 50 m |
| Orange (O) | BCo97B.60GD.O | 60 m |
| | BCo97B.70GD.O | 70 m |



10 mm TIGER UNICORE - GOLDEN DRY



TIGER 10 mm is an example of multipurpose: in climbing it's the introductory rope for those starting to use thin ropes. Now benefitting from the new UNICORE technology, it becomes the perfect rope for all adventures.

| | ① |
|---------------------|--------|
| Impact force | 7.6 kN |
| Number of falls | 7 |
| % Sheath | 40 % |
| Weight per metre | 60 g |
| Sharp edge strenght | ✓ |

| Colours : | | |
|------------|----------------------|------|
| | BC100T.50GD.O | 50 m |
| Orange (O) | BC100T.60GD.O | 60 m |
| | BC100T.70GD.O | 70 m |



ROPES

① SINGLE ROPE ①/2 HALF ROPE ② TWIN ROPE

MOUNTAIN LINE WATER REPELLENT®


NEW

10,2 mm FLYER II UNICORE - GOLDEN DRY



Of modern design, concentrating all the latest BEAL innovations for great handling with relative lightness.

| | |
|---------------------|--------|
| Impact force | 7,4 kN |
| Number of falls | 9 |
| % Sheath | 37 % |
| Weight per metre | 63 g |
| Sharp edge strenght | ✓ |


| | | |
|---|----------------------|------|
| Colours : | BC102F.50GD.F | 50 m |
| Fuschia (F) | BC102F.60GD.F | 60 m |
|  | BC102F.70GD.F | 70 m |

10,5 mm TOP GUN II UNICORE - GOLDEN DRY



This rope already has high level results for its record number of falls (11) and its low impact force (7,5 kN). For the future it will now also benefit from the new UNICORE technology, which will undeniably confer it with extra security.

| | |
|---------------------|--------|
| Impact force | 7,5 kN |
| Number of falls | 11 |
| % Sheath | 40 % |
| Weight per metre | 67 g |
| Sharp edge strenght | ✓ |


| | | |
|---|-----------------------|-------|
| Colours : | BC105T.200GD.B | 200 m |
| Blue (B) | BC105T.50GD.B | 50 m |
|  | BC105T.60GD.B | 60 m |
| | BC105T.70GD.B | 70 m |

11 mm APOLLO II UNICORE - GOLDEN DRY



Toughest of the tough, this traditional, virtually indestructible rope is capable of surviving the demands of outdoor centres and big walls.

| | |
|---------------------|--------|
| Impact force | 7,7 kN |
| Number of falls | 16 |
| % Sheath | 35 % |
| Weight per metre | 77 g |
| Sharp edge strenght | ✓ |


| | | |
|---|-----------------------|-------|
| Colours : | BC11A.200GD.GY | 200 m |
| Grey (GY) | BC11A.50GD.GY | 50 m |
|  | BC11A.60GD.GY | 60 m |

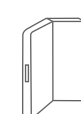
7,3 mm GULLY UNICORE - GOLDEN DRY



Weighing only 36 g per metre, the GULLY 7.3 is the lightest double rope on the market. It is also certified as twin rope. Its extremely light weight and very low impact force make the GULLY 7.3 the ideal rope for ice climbing, mountaineering and the most demanding terrain. Like all other thin double ropes in BEAL's range, the GULLY 7.3 benefits from the reliability and additional safety that UNICORE technology provides.

| | | |
|---------------------|------------------------------|-----------------------------|
| | ①/2 | ② |
| Impact force | 5,2 kN (with 55kg /1 strand) | 7,9 kN (with 80kg/2 strand) |
| Number of falls | 6 | 12 |
| % Sheath | 45 % | 45 % |
| Weight per metre | 36 g | 36 g |
| Sharp edge strenght | - | - |

| | | |
|---|------------------------|---------|
| Colours : | BC073G.40GD.Col | 40 m |
| Orange (O) - Green (G) | BC073G.50GD.Col | 50 m |
| | BC073G.60GD.Col | 60 m |
| | BC073G.70GD.Col | 70 m |
|  | BC073G.502GD.OG | 2x 50 m |
| | BC073G.602GD.OG | 2x 60 m |
| | BC073G.702GD.OG | 2x 70 m |



ROPES

① SINGLE ROPE

①/2 HALF ROPE

⊞ TWIN ROPE

MOUNTAIN LINE WATER REPELLENT®

8,1 mm ICE LINE UNICORE - GOLDEN DRY



Already considered to be the must-have rope for ice climbers and expert alpinists alike for its extreme fluidity and very low impact force, ICE LINE is henceforward available with the new UNICORE technology. Thanks to adherence of the core and sheath, ICE LINE benefits from extra security – indispensable on thin rope.

| | |
|---------------------|------|
| Impact force | 5 kN |
| Number of falls | 6 |
| % Sheath | 41 % |
| Weight per metre | 39 g |
| Sharp edge strenght | - |

| | | |
|-------------------------------------|------------------------|---------|
| Colours : | BCo81.200GD.Col | 200 m |
| Anis (A) - Orange (O) - Emerald (E) | BCo81.50GD.Col | 50 m |
| | BCo81.60GD.Col | 60 m |
| | BCo81.70GD.Col | 70 m |
| | BCo81.502GD.Col | 2x 50 m |
| | BCo81.602GD.Col | 2x 60 m |



8,6 mm COBRA II UNICORE - GOLDEN DRY



The great classic for adventure climbing. Light and free-running for ease of use on long routes, on the crag and in the Alps. Technical and robust enough to sustain the most difficult loadings, it is even better today because it now benefits from all the advantages of the UNICORE technology.

| | |
|---------------------|--------|
| Impact force | 5,4 kN |
| Number of falls | 15 |
| % Sheath | 39 % |
| Weight per metre | 49 g |
| Sharp edge strenght | ✓ |

| | | |
|------------------------------------|-------------------------|---------|
| Colours : | BCo86C.50GD.Col | 50 m |
| Green (G) - Fuchsia (F) - Blue (B) | BCo86C.60GD.Col | 60 m |
| | BCo86C.502GD.Col | 2x 50 m |
| | BCo86C.602GD.Col | 2x 60 m |



9 mm VERDON II UNICORE - GOLDEN DRY



A classic double rope giving maximum security for all types of climbing.

| | |
|---------------------|--------|
| Impact force | 5,5 kN |
| Number of falls | 15 |
| % Sheath | 42 % |
| Weight per metre | 47 g |
| Sharp edge strenght | ✓ |

| | | |
|------------------------|-----------------------|------|
| Colours : | BCo9V.50GD.Col | 50 m |
| Fuschia (F) - Blue (B) | BCo9V.60GD.Col | 60 m |



8 mm RANDO - GOLDEN DRY



At just 36 grams per metre, it takes up little room, but it takes the impact ! On snowfields and steep passages, during mountain walking or skiing, its properties ensure your security.

| | | |
|---------------------|---------------------------------|---------------------|
| | 1 strand 80 kg factor 0,8 | Twin rope EN 892 |
| Impact force | 4,2 kN | 8,5 kN |
| Number of falls | 5 | 12 |
| % Sheath | 40 % | 40 % |
| Weight per metre | 36 g | 36 g |
| Sharp edge strenght | - | ✓ |

| | | |
|-----------------------|------------------------|------|
| Colours : | BCo8R.200GD.Col | 200m |
| Pink (P) - Yellow (Y) | BCo8R.20GD.Col | 20m |
| | BCo8R.30GD.Col | 30m |
| | BCo8R.48GD.Col | 48m |



ROPES

CANYONING

NEW

9 mm AQUA'TECH



Semi-static rope

| | |
|------------------------|---------------|
| Type | EN 1891B |
| Breaking load | 1900 daN (kg) |
| Number falls | 8 (80 kg) |
| % Sheath | 43 % |
| Weight per metre | 51 g |
| Elongation (50/150 kg) | 3,6 % |

Very lightweight type B rope, for use in canyoning. This rope, because of its construction, will remain especially supple over time, maintaining ease of use. Sold only in 40, 70 and 100 metre lengths.



| | |
|-------------------|-------|
| BCSC09.100 | 100 m |
| BCSC09.70 | 70 m |
| BCSC09.40 | 40 m |

9,5 mm AQUALINE



Semi-static rope

| | |
|------------------------|---------------|
| Type | EN 1891B |
| Breaking load | 2000 daN (kg) |
| Number falls | 5 (80 kg) |
| % Sheath | 40 % |
| Weight per metre | 55 g |
| Elongation (50/150 kg) | 2,4 % |

Lightweight type B rope, for technical canyoning. Very low elongation (2.4%) makes it excellent for long descents on one strand.



| | |
|--------------------|-------|
| BCSC095.200 | 200 m |
| BCSC095.100 | 100 m |

9,6 mm AQUARAM



Semi-static rope

| | |
|------------------------|---------------|
| Type | EN 1891B |
| Breaking load | 2700 daN (kg) |
| Number falls | 5 (80 kg) |
| % Sheath | 37 % |
| Weight per metre | 65 g |
| Elongation (50/150 kg) | 3,2 % |

Semi-static rope of type B particularly adapted to an intensive use in canyon thanks to its sheath made up to more than 80% of Technora (aramid).



| | |
|--------------------|-------|
| BCSC096.200 | 200 m |
| BCSC096.40 | 40 m |
| BCSC096.60 | 60 m |

10,3 mm PRO CANYON



Semi-static rope

| | |
|------------------------|---------------|
| Type | EN 1891A |
| Breaking load | 2500 daN (kg) |
| Number falls | 5 (100 kg) |
| % Sheath | 36 % |
| Weight per metre | 70 g |
| Elongation (50/150 kg) | 3,6 % |

Incredibly supple semi-static rope, particularly suited to canyoning. Made entirely from pre-shrunk Polyamide. UNICORE Process.



| | |
|--------------------|-------|
| BCSC103.200 | 200 m |
| BCSC103.100 | 100 m |
| BCSC103.60 | 60 m |
| BCSC103.40 | 40 m |



ROPES

CAVING & SEMI-STATIC

8 mm ANTIPODES



Accessory cord meeting the requirements of EN564. This product conforms to the specifications of 'Lightweight caving rope type L' as defined by the French Speleological Federation (FFS), for caving undertaken by expert teams.

| | |
|------------------------|---------------|
| Semi-static rope | |
| Type | EN 564 |
| Breaking load | 1800 daN (kg) |
| Number falls | 2 (80 kg) |
| % Sheath | 41 % |
| Weight per metre | 41 g |
| Elongation (50/150 kg) | 6,5 % |

| | | |
|--|------------------|-------|
| | BCS08.200 | 200 m |
|--|------------------|-------|

8,5 mm SPELENIUM



Low stretch rope (type B) perfectly adapted to caving. It's ease of use comes from its thin diameter and remarkable suppleness characteristic of a type B rope. The UNICORE process which permanently bonds the sheath to the core prevents any slippage of one over the other.

| | |
|------------------------|---------------|
| Semi-static rope | |
| Type | EN 1891B |
| Breaking load | 2000 daN (kg) |
| Number falls | 7 (80 kg) |
| % Sheath | 41 % |
| Weight per metre | 49 g |
| Elongation (50/150 kg) | 4,8 % |

| | | |
|--|----------------------|-------|
| | BCSP085.200 | 200 m |
| | BCSP085.100 | 100 m |
| | BCSP085.50 | 50 m |
| | BCSP085.200.O | 200 m |

9 mm SPELENIUM



Perfectly adapted to the needs of the caver, giving excellent balance between abrasion resistance and flexibility.

| | |
|------------------------|---------------|
| Semi-static rope | |
| Type | EN 1891B |
| Breaking load | 2200 daN (kg) |
| Number falls | 8 (80 kg) |
| % Sheath | 40 % |
| Weight per metre | 51 g |
| Elongation (50/150 kg) | 3,6 % |

| | | |
|--|-------------------|-------|
| | BCSP09.200 | 200 m |
| | BCSP09.100 | 100 m |
| | BCSP09.50 | 50 m |



ROPES

CAVING & SEMI-STATIC

NEW

9,5 mm SPELENIUM GOLD



| | |
|------------------------|---------------|
| Type | EN 1891B |
| Breaking load | 2000 daN (kg) |
| Number falls | 5 (80 kg) |
| % Sheath | 40 % |
| Weight per metre | 55 g |
| Elongation (50/150 kg) | 2 % |

Very low stretch (2 %) confers the static performance so important for ascending long pitches.



| | |
|--------------------|-------|
| BCSP095.200 | 200 m |
| BCSP095.100 | 100 m |
| BCSP095.50 | 50 m |

10 mm SPELENIUM



| | |
|------------------------|---------------|
| Type | EN 1891A |
| Breaking load | 2500 daN (kg) |
| Number falls | 6 (100 kg) |
| % Sheath | 41 % |
| Weight per metre | 61 g |
| Elongation (50/150 kg) | 4,1 % |

Perfectly adapted to the needs of the caver, giving excellent balance between abrasion resistance and flexibility.



| | |
|-------------------|-------|
| BCSP10.200 | 200 m |
| BCSP10.100 | 100 m |
| BCSP10.50 | 50 m |

10,5 mm SPELENIUM



| | |
|------------------------|---------------|
| Type | EN 1891A |
| Breaking load | 2800 daN (kg) |
| Number falls | 15 (100 kg) |
| % Sheath | 37 % |
| Weight per metre | 68 g |
| Elongation (50/150 kg) | 3,5 % |

Perfectly adapted to the needs of the caver, giving excellent balance between abrasion resistance and flexibility.



| | |
|--------------------|-------|
| BCSP105.200 | 200 m |
| BCSP105.100 | 100 m |
| BCSP105.50 | 50 m |



ACCESSORY CORDS

Accessory cords from 4 to 8 mm diameter conform to the requirements of the UIAA and EN564



| | | |
|--|---------------------|-------|
| 2 mm - Pink (P) - Red (R) - Violet (V) | BC02.120.col | 120 m |
| 3 mm - Blue (B) - Orange (O) - Anis (A) | BC03.120.col | 120 m |
| 4 mm - Pink (P) - Shark (S) - Yellow (Y) | BC04.120.col | 120 m |
| 5 mm - Yellow (Y) - Red (R) | BC05.120.col | 120 m |
| 6 mm - Orange (O) - Blue (B) | BC06.120.col | 120 m |
| 7 mm - Orange (O) - Anis (A) | BC07.120.col | 120 m |
| 8 mm - Red (R) - Blue (B) | BC08.200.col | 200 m |

Much lighter and more versatile, it may be used on chocks or as fixed line.



| | | |
|--|----------------------|------|
| 5,5 mm Dyneema - Blue | BC055DYN.50 | 50 m |
| 5,5 mm - Aramide Blue (B), Black (BK), Violet (V) | BC055K.50.col | 50 m |

100% dyneema accessory cord particularly suited to making foot loops and secondary anchors for caving.
Never use to make self-locking knots (Melting point : 145 C)



| | | |
|----------------------------|-------------------|------|
| 5mm - Pure Dyneema - White | BC05DYN.50 | 50 m |
|----------------------------|-------------------|------|

BACK UP LINE

Compact and thin Aramid/polyamide cord for hauling, abseiling, or use as a guideline system for rescue. It's very light with only 21g/m and is ultra-static. The sheath is rough for perfect handling and better control.



| | | |
|---------------|------------------|-------|
| Colour: Green | BC05B.200 | 200 m |
| | BC05B.30 | 30 m |
| | BC05B.40 | 40 m |
| | BC05B.50 | 50 m |
| | BC05B.60 | 60 m |



PACKS OF PRECUT CORDS



| | | |
|------------------|----------------|-------|
| Pack of 10 - 2mm | BC02.10 | 10 m |
| Pack of 10 - 3mm | BC03.10 | 10 m |
| Pack of 10 - 4mm | BC04.7 | 7 m |
| Pack of 10 - 5mm | BC05.6 | 6 m |
| Pack of 10 - 6mm | BC06.5 | 5,5 m |
| Pack of 10 - 7mm | BC07.4 | 7 m |

TAPES

BEAL has adopted the American system of slings which are very soft, supple and good to handle



| | | |
|--|----------------------|-------|
| Tubular 16mm American type : Green (G) Red (R) | BST16.100.col | 100 m |
| Tubular 26 mm American type : Blue (B), Red (R), Black (BK) | BST26.100.col | 100 m |
| Dyneema 15mm | BSD15.50 | 50 m |

Tubular for suppleness or flat for toughness, tapes are particularly used for belay slings. They must always be knotted with a tape knot.



| | | |
|---|-------------------------|-------|
| Flat super 18mm : Blue(B), Grey (GY), Orange (O), Red (R), Black (BK) | BSP18.100.col | 100 m |
| Flat 26mm : Black (BK), Fuchsia (F), Yellow (Y), Green (G) | BSP26UNI.100.col | 100 m |
| Flat 30mm : Black (BK) | BSP30.100 | 100 m |
| Flat 45mm : Black (BK) | BSP45.100 | 100 m |
| Flat 45mm : Caramel | BSP45.80 | 80 m |

ROUND SLINGS



Tubular 16 mm American type

+ individual instructions (Pack of 5)

| | | |
|----------|---------------------|--------|
| Green x5 | BSAT16.60.5 | 60 cm |
| Red x5 | BSAT16.120.5 | 120 cm |



Tubular 26 mm Black

+ individual instructions (Pack of 5)

| | |
|---------------------|--------|
| BSAT26.60.5 | 60 cm |
| BSAT26.120.5 | 120 cm |

Flat 18 mm + individual instructions (Pack of 5)



| | | |
|------------------------|--------------------|-------|
| Blue - Black x5 (BK) | BSA18.30.5 | 30cm |
| Orange - Black x5 (BK) | BSA18.40.5 | 40cm |
| Grey - Black x5 (BK) | BSA18.50.5 | 50cm |
| Red - Black x5 (BK) | BSA18.60.5 | 60cm |
| Blue - Black x5 (BK) | BSA18.80.5 | 80cm |
| Grey - Black x5 (BK) | BSA18.100.5 | 100cm |
| Orange - Black x5 (BK) | BSA18.120.5 | 120cm |
| Red - Black x5 (BK) | BSA18.150.5 | 150cm |
| Blue - Black x5 (BK) | BSA18.175.5 | 175cm |



Flat 26 mm Black

+ individual instructions (Pack of 5)

| | |
|--------------------|--------|
| BSA26.100.5 | 100 cm |
| BSA26.120.5 | 120 cm |
| BSA26.150.5 | 150 cm |
| BSA26.175.5 | 175 cm |



Flat 30mm Army Green

+ individual instructions

| | |
|--------------------|--------|
| BSA30.100.5 | 100 cm |
| BSA30.120.5 | 120 cm |
| BSA30.150.5 | 150 cm |
| BSA30.175.5 | 175 cm |

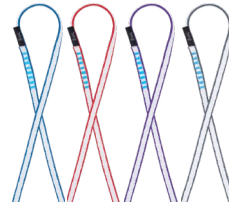


Dyneema 6 mm

+ individual instructions (Pack of 5)

The best of sewn slings for mountaineering and long routes

| | | |
|----------------------|---------------------|--------|
| Purple x5 | BSAD06.20.5 | 20 cm |
| Until stock runs out | | |
| Green x5 | BSAD06.60.5 | 60 cm |
| Purple x5 | BSAD06.120.5 | 120 cm |



Dyneema 10 mm

+ instructions individuelles (Pack of 5)

The best of sewn slings for mountaineering and long routes

| | | |
|-----------|---------------------|--------|
| Grey x5 | BSAD10.60.5 | 60 cm |
| Purple x5 | BSAD10.120.5 | 120 cm |
| Red x5 | BSAD10.180.5 | 180 cm |
| Blue x5 | BSAD10.240.5 | 240 cm |

EXPRESS SLINGS

These quick draws in super 18mm width optimize the loading of the karabiner.



| | | |
|-----------|------------------|-------|
| Black x10 | BSEB10.10 | 10 cm |
| White x10 | BSE12.10 | 12 cm |

SELF LOCKING

JAMMY

5.5mm sewn rope sling made with an aramid core and polyamide sheath. When configured as a prusik it can be used with single or half rope, on one or both half ropes.



| | | |
|-------------|---------------|------|
| JAMMY 35 cm | BLJ.35 | 20 g |
| JAMMY 50 cm | BLJ.50 | 25 g |
| JAMMY 60 cm | BLJ.60 | 29 g |

ANCHORAGE

ESCAPER



Strength: 1800 daN (kg)

Detachable abseil system. It allows abseiling when only a single length of rope is available. It can be used with all rope diameters from 7.3 mm.

| | |
|--------------|-------|
| BLESC | 100 g |
|--------------|-------|

NEW



LANYARDS

DYNACONNEXION

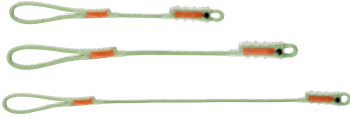
Sewn dynamic rope sling to shortlink into a belay, facilitate abseils, but also to extend a runner whilst climbing.



| | | | |
|------------------------|--------------------|------------------------|-------|
| DYNACONNEXION 40-80 cm | BLDCO.40.80 | Strength 2200 daN (kg) | 100 g |
|------------------------|--------------------|------------------------|-------|

DYNACLIP

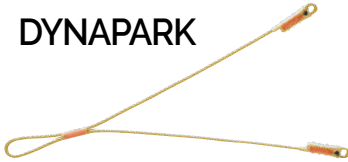
Lanyard in dynamic rope with sewn terminations for clipping anchors with an enhanced level of safety. The dynamic performance of this lanyard is greatly superior to that of a conventional sewn tape sling.



| | | | |
|--|----------------|------------------------|------|
| DYNACLIP 40 cm | BLDC.40 | Strength 1500 daN (kg) | 55 g |
| DYNACLIP 50 cm | BLDC.50 | Strength 1500 daN (kg) | 60 g |
| DYNACLIP 75 cm | BLDC.75 | Strength 1500 daN (kg) | 75 g |
| DYNACLIP X cm (mini x50) 30 cm < 200 cm | BLDCx | Strength 1500 daN (kg) | |

DYNAPARK

Security 'Y' lanyard made from dynamic rope with sewn terminations for ropes courses.



| | | | |
|---|----------------------|------------------------|-------|
| DYNAPARK 2x80 cm DYNAMIC | BLDPARK.80.80 | Strength 1500 daN (kg) | 125 g |
| DYNAPARK 2x X cm (mini x50) 30 cm < 120 cm | BLDPx.x | Strength 1500 daN (kg) | |

DYNADOUBLECLIP

Double lanyard of dynamic rope with sewn terminations for clipping to belays with an enhanced level of safety and to facilitate manoeuvres prior to abseil descents. Length of strands: 40 cm and 75 cm.



| | | | |
|------------------------|--------------------|------------------------|-------|
| DYNADOUBLECLIP 40-75cm | BLDDC.40.75 | Strength 1500 daN (kg) | 110 g |
|------------------------|--------------------|------------------------|-------|

DYNALOOP

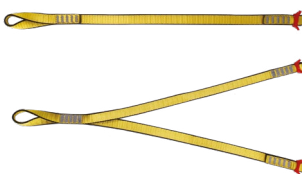
8.3 mm Dynamic rope sling for clipping in, equalising a belay or extending an anchor point. Apart from the fact it is dynamic, the rope has another advantage over webbing: the rope's core is protected from UV and abrasion by the sheath whilst with webbing all strands are exposed.



| | | | |
|-----------------|-----------------|-------------------------|-------|
| DYNALOOP 60 cm | BLDL.60 | Strength: 2200 daN (kg) | 55 g |
| DYNALOOP 120 cm | BLDL.120 | Strength: 2200 daN (kg) | 105 g |
| DYNALOOP 150 cm | BLDL.150 | Strength: 2200 daN (kg) | 135 g |

NEXUS

Single or double lanyard with sewn termination for restraint at the workstation of progression on a restraint lifeline. The versatile lanyard allows for temporary anchorages.



| | | | |
|------------------|----------------|-------------------------|-------|
| NEXUS I 60 cm | BLNI.60 | Strength: 2200 daN (kg) | 50 g |
| NEXUS V 2x 80 cm | BLNV.80 | Strength: 2200 daN (kg) | 100 g |

PINCH

System for securing the karabiner at the end of a rope or tape lanyard. Made out of particularly strong material, it ensures effective protection against abrasion when in contact with the rock.



| | | | |
|-------------|------------|--|--|
| PINCH (x20) | BLP | | |
|-------------|------------|--|--|

HELMETS

NEW

HYBRID HELMETS

MERCURY

The MERCURY is a hybrid helmet featuring an ABS shell with a polystyrene liner. It is micro-adjustable thanks to a precise adjustment dial and benefits from a magnetic closure of the chinstrap buckle. Its large volume optimises comfort and protection.



Colours :
Red (R), White (W), Orange (O), Black (BK)

| | |
|----------------|-------|
| BKM.col | 432 g |
|----------------|-------|

MERCURY GROUP

The MERCURY GROUP 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.



Colours :
Blue (B), Green (G), Black (BK), Red (R), White (W), Yellow (Y), Orange (O)

| | |
|-----------------|-------|
| BKMG.col | 380 g |
|-----------------|-------|

MERCURY KID

The MERCURY KID is a robust child helmet with an ABS outer shell, designed for intensive group use. The inner liner is suspended and easily adjustable with a strong and simple buckle. The helmet has been designed to be durable and easy to wash.



Colours :
Blue (B), Green (G)

| | |
|-----------------|-------|
| BKMK.col | 355 g |
|-----------------|-------|

IKAROS

The IKAROS is a hybrid helmet with a lightweight, highly ventilated ABS shell with an EPS inner foam liner. It is micro-adjustable thanks to a precise adjustment dial and benefits from a magnetic closure of the chinstrap buckle.



Colours :
White (W), Orange (O)

| | |
|----------------|-------|
| BKI.col | 360 g |
|----------------|-------|

POLYSTYRENE HELMETS

ATLANTIS

The polystyrene ATLANTIS is BEAL's most advanced helmet thanks to the quality of energy dispersion following an impact. The expanded polystyrene envelops the sides and top of the user's head to absorb both lateral as well as vertical impacts.

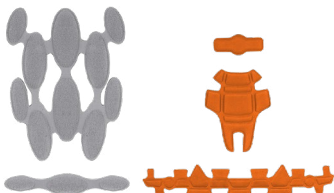


Colours :
Blue (B), White (W)

| | |
|----------------|-------|
| BKA.col | 240 g |
|----------------|-------|

COMFORT PADDING

Internal comfort padding is removable and machine washable.



FOAMS FOR MERCURY HELMETS

BKFM

FOAMS FOR IKAROS HELMETS

BKFI

FOAMS FOR ATLANTIS HELMETS

BKFA



HARNESSES

EXPERT LINE

ELLIPSE XT COMPACT



A fully adjustable harness for multiple activities. 4 small, automatic metal buckles, as well as two available sizes, allow precise adjustments of this harness. It benefits from the latest Web-Core technology which provides exceptional levels of comfort.

| | | |
|----------------|--------|-------|
| BHEXT.1 | Size 1 | 390 g |
| BHEXT.2 | Size 2 | 430 g |

GHOST COMPACT



Ultra-lightweight and comfortable harness for expert climbing and mountaineering. It benefits from the latest Web-Core technology which provides exceptional levels of comfort despite its lightness thanks to optimal pressure distribution on hips and thighs.

| | | |
|--------------|--------|-------|
| BHG.S | Size S | 220 g |
| BHG.M | Size M | 250 g |
| BHG.L | Size L | 280 g |

INTENSIVE LINE

SHADOW SOFT



The SHADOW is a classic, fully adjustable harness thanks to its 4 metal buckles. It benefits from the latest Web-Core technology yet retains a simplistic style with traditional gear loops.

| | | |
|---------------|--------|-------|
| BHSS.1 | Size 1 | 365 g |
| BHSS.2 | Size 2 | 410 g |

VENUS SOFT



Lightweight adjustable harness which can be adapted to suit all feminine figures thanks to its two sizes and Dynamic-Fit (Black Diamond licence) leg loop adjustment system. Like the REBEL, it benefits from the latest Web-Core technology which provides exceptional levels of comfort thanks to optimal pressure distribution on hips and thighs.

| | | |
|---------------|--------|-------|
| BHVS.1 | Size 1 | 324 g |
| BHVS.2 | Size 2 | 358 g |

PHANTOM COMPACT



Lightweight and compact harness for high level sport climbing. Highly breathable thanks to multiple ventilated areas around the waist belt and leg loops. With its minimalistic design, it combines all of BEAL's know-how.

It benefits from the latest Web-Core technology which provides exceptional levels of comfort thanks to optimal pressure distribution on hips and thighs. 4 gear loops and a rear ring make up a particularly multifunctional harness

| | | |
|---------------|---------|-------|
| BHPS | Size S | 310 g |
| BHP.M | Size M | 325 g |
| BHP.L | Size L | 335 g |
| BHP.XL | Size XL | 350 g |

ACTIVE LINE

AERO CLASSIC II BLACK



Adjustable, versatile, and strong harness with leg adjustment buckles for climbing, mountaineering and group use. It covers a wide range of sizes thanks to its clever sliding system that ensures centralising of the connecting loop.

| | | |
|----------------|----------|-------|
| BHAC.BK | One size | 415 g |
|----------------|----------|-------|

AERO TEAM IV



Very lightweight harness designed for outdoor centres, young people and hill/glacier travel. Both comfortable and easy to fit with additional features to help its identification and logging.

| | | |
|------------|----------|-------|
| BHA | One size | 395 g |
|------------|----------|-------|

NOPAD



A simple and practical sling harness for multi-use and group-use. Universally sized, it fits every user perfectly.

| | | |
|------------|----------|-------|
| BHN | One size | 430 g |
|------------|----------|-------|

HARNESSES

NEW

SPECIALISED LINE

BARRANCO

NEW



Lightweight canyoning harness for groups and clubs. Fitted with an interchangeable PVC protector and designed so one size fits all (XS-XL) due to its 3 adjustment buckles, it meets all the criteria for group users in canyoning sports. CANYON USE GROUPS = 2 YEARS MAX.

| | | | |
|----------------------|--------------|----------|-------|
| BARRANCO | BHBAR | One size | 615 g |
| PROTECTION HYDROTEAM | BHHPS | | 160 g |



SNOW GUIDE COMPACT



Ultra-compact, strong and lightweight harness for ski-mountaineering. It benefits from the latest Web-Core technology which gives it great durability and provides surprising levels of comfort thanks to optimal pressure distribution on hips and thighs. Specifically designed to be fitted with skis or crampons.

| | | |
|---------------|--------|-------|
| BHSG.1 | Size 1 | 220 g |
| BHSG.2 | Size 2 | 230 g |



AERO PARK IV



Specially developed for adventure / ropes courses, it is easy to put on and as adjustable for small people as large ones.

| | | |
|--------------|----------|-------|
| BHAP4 | One size | 400 g |
|--------------|----------|-------|



AIR TOP



Adjustable chest harness for use with a sit harness. Easy to fit and comfortable, it ensures the climber remains in an upright position.

| | | |
|-------------|---------------|-------|
| BHAT | Taille unique | 370 g |
|-------------|---------------|-------|



KIDS

ROOKIE



A harness allowing you to be like an adult Lightweight adjustable children's / adolescents' harness for use in climbing gyms or at crags. Just one single size, with leg loop adjustments using the Dynamic-fit system (Black Diamond license). This harness, much like the adults range, benefits from Web-Core technology which provides exceptional levels of comfort thanks to optimal pressure distribution on hips and thighs.

| | | |
|---------------|--|-------|
| BHROOK | | 260 g |
|---------------|--|-------|

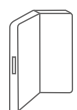


BAMBI II



A simple and practical harness for growing climbers less than 40 kg in weight. By means of its 2 automatic adjustment buckles on leg loops and on the shoulder straps, BAMBI II adjusts perfectly and easily to all body shapes.

| | | |
|------------|--|-------|
| BHB | | 350 g |
|------------|--|-------|



RISE UP



Adjustable children's chest harness for use in conjunction with a sit harness (ROOKIE, AEROTEAM and AEROPARK). Comfortable and easy to fit. Its high level of support when suspended allows young climbers, including those with little builds without defined hipbones, to remain upright.

| | | |
|--------------|----------|-------|
| BHRUP | One size | 125 g |
|--------------|----------|-------|



ACCESSORIES



Accessory module that can be easily fixed to the AEROTEAM IV, based on a simple red and green color code. It enables the instructor to validate that the cross check has been complete (tie-in loop and belay device) before beginning to climb.

| | | |
|-------------------------------------|----------------|------|
| VETO | BH•VETO | 25 g |
| KIT ELASTIQUE AERO TEAM / AERO PARK | BHEA | 11 g |



METAL

LOCKING CARABINERS

BE QUICK



SPEED SCREW



Carabiner particularly suitable for frequent use as it is easy and quick to lock and unlock. It is very effective during repetitions of maneuvers on anchor.

| | | |
|-------------------|-----------|------|
| BMCLBQ.col | Aluminium | 44 g |
|-------------------|-----------|------|

Colours: Blue (B), Green (G), Orange (O)

BE ONE SCREW



SCREW



Compact screwgate karabiner particularly suited to single ropes used in conjunction with your belay device. The contact surface area has been optimised through the use of a cylindrical profile with a 12 mm diameter.

| | | |
|-------------------|-----------|------|
| BMCLBO.col | Aluminium | 58 g |
|-------------------|-----------|------|

Colours : Fuchsia (F), Orange (O)

BE SAFE



SCREW



Screwgate HMS karabiner which is well adapted to work with your belay device. It can be used comfortably with 2 ropes at a time, with little risk of the two strands overlapping each other during a fall.

| | | |
|-------------------|-----------|------|
| BMCLBS.col | Aluminium | 66 g |
|-------------------|-----------|------|

Colours : Blue (B), Green (G), Fuchsia (F), Orange (O)

ORIENT EXPRESS



SPEED SCREW



Unidirectional screw locking karabiner designed for use with belay plates where the ropes pass through the karabiner. Thanks to the internal snap gate that clips onto a harness belay loop, the karabiner cannot be inverted. This ensures the correct orientation of the karabiner and reduces the risk of the belay system being weakened through cross loading.

| | | |
|-------------------|-----------|--------|
| BMCLOE.col | Aluminium | 83,5 g |
|-------------------|-----------|--------|

ORIENT EXPRESS BI-MATIC



BI MATIC

NEW



Unidirectional locking karabiner designed for use with belay devices. Thanks to the gate that clips onto a harness' belay loop, the karabiner cannot be inverted. This ensures the correct orientation of the karabiner and reduces the risk of the belay system being weakened through cross loading.

| | | |
|----------------|-----------|------|
| BMCLOE2 | Aluminium | 89 g |
|----------------|-----------|------|

BE LOCK SCREW



SCREW

NEW
COLOR

Large HMS belaying karabiner. It is particularly suited to ropework with double ropes (clove hitch and Italian hitch).

| | | |
|---------------|-----------|------|
| BMCLBL | Aluminium | 86 g |
|---------------|-----------|------|

BE LOCK 3-MATIC



3 MATIC

NEW
COLOR

Large HMS belaying karabiner with triple action locking gate (3-MATIC) It is particularly suited to ropework with double ropes (clove hitch and Italian hitch).

| | | |
|----------------|-----------|-------|
| BMCLBL3 | Aluminium | 100 g |
|----------------|-----------|-------|

METAL

BE LINK SCREW



NEW COLOR



Asymmetrical screwgate karabiner for lanyards. Its design and shape make it particularly easy to use at the end of a lanyard to clip to a belay.

| | | |
|----------------|-----------|------|
| BMCLBLN | Aluminium | 65 g |
|----------------|-----------|------|

BE LINK BI-MATIC



NEW



Asymmetrical screwgate karabiner for lanyards. Its design and shape make it particularly easy to use at the end of a lanyard to clip to a belay.

| | | |
|----------------|-----------|------|
| BMCLBLN | Aluminium | 65 g |
|----------------|-----------|------|

BE LINK 3-MATIC



NEW COLOR



Asymmetrical screwgate karabiner for lanyards. Its design and shape make it particularly easy to use at the end of a lanyard to clip to a belay.

| | | |
|--------------|-----------|------|
| BMCSG | Aluminium | 65 g |
|--------------|-----------|------|

TWIN O



TWIN GATE



Oval shaped auto locking karabiner designed for use with equipment with moving slide plates like pulleys and ascenders. It features the Twin-Gate concept with 2 gates that open in opposite directions.

| | | |
|--------------|-----------|------|
| BMCTO | Aluminium | 86 g |
|--------------|-----------|------|

TWIN SMITH CAPTIVE



Large capacity, asymmetrical steel locking karabiner for both indoor and outdoor lower-offs subjected to intensive use. Features the Twin-Gate concept with second wire gate.

| | | |
|---------------|-------|-------|
| BMCTSC | Steel | 228 g |
|---------------|-------|-------|

QUICK LINKS



| | | | |
|---|-----------------|-----------------------------|-------|
| 1 | BMMNZ08 | STANDARD GALVA 8 mm | 77 g |
| 2 | BMMNZ10 | STANDARD GALVA 10 mm | 137 g |
| 3 | BMMGOZ07 | LONG OPENING GALVA 7 mm | 60 g |
| 4 | BMMPZ10 | PEAR GALVA 10 mm | 185 g |
| 5 | BMMDZ08 | DELTA GALVA 8 mm | 88 g |
| 6 | BMMDZ10 | DELTA GALVA 10 mm | 153 g |
| 7 | BMMSCZ10 | MAILLON SEMI CIRCULAR 10 mm | 153 g |
| 8 | BMMDTZ09 | DELTA TWIST 9 mm | 135 g |

CARABINERS

STAR GATE

NEW

Carabiner with straight gate. The star gate is equipped with the Keylock system to make the unclipping easier.



BE SMITH CAPTIVE

Steel asymmetric karabiner for intensive use, both in-and outdoors. In situ karabiners at climbing walls or crags experience particularly high levels of wear as they are often subjected to repeated falls at a crux or a severe rope angle between the first runner and belayer. The wire gate makes the BE SMITH CAPTIVE as easy to clip as a normal karabiner, whilst its steel construction greatly reduces the rate of wear.



| | |
|----------------|------|
| BMCLBLN | 65 g |
|----------------|------|

BE ONE



To protect the rope, BEAL have devised a karabiner suited to sport climbing and repeated falls: the BE ONE. The 'receiving zone' has been enlarged to allow for the rope to flatten during a fall without introducing lateral friction.



| | |
|---------------|---------|
| BMCPBO | 52.20 g |
|---------------|---------|

| | |
|----------------|-------|
| BMCPBSC | 123 g |
|----------------|-------|

NEW



METAL

QUICKDRAWS

PULP



Lightweight quickdraw for sport climbing. It's made with two wire carabiners: the SPACE WIRE at the top, and the COSMO WIRE at the bottom. The COSMO WIRE has an ergonomic shape that facilitates the rope clipping. The RUBBINER system maintains the rope in the right axis.

| | | |
|-------------------------------|---------------|----------|
| PULP 11 cm Orange | BMQP | 90 g |
| PULP 11 cm Orange - Pack de 5 | BMQP.5 | 90 g x 5 |

ZEST



Quickdraw for sport climbing and big walls. Its top carabiner, the STAR GATE, is equipped with the Keylock system to make the unclipping easier. Its rope carabiner, the COSMO WIRE, has an ergonomic shape that facilitates the rope clipping. The RUBBINER system maintains the rope in the right axis.

| | | |
|------------------------------|----------------|----------|
| ZEST 11 cm Green | BMQZ | 95 g |
| ZEST 11 cm Green - Pack de 5 | BMQZ.5 | 95 g x 5 |
| ZEST 17 cm Blue | BMQZ.17 | 101 g |

BE FREE RUBBER



A rope specific karabiner for the 'sport climbing quickdraw'. Two of the karabiner's geometrical features influence the rope's performance.

| | | |
|--------------------------|--------------------|-----------|
| BE FREE RUBBER 12 cm | BMQBF.12R | 102 g |
| BE FREE RUBBER 12 cm x 6 | BMQBF.12R.6 | 102 g x 6 |
| BE FREE RUBBER 17 cm | BMQBF.17R | 107 g |
| BE FREE RUBBER 17 cm x 6 | BMQBF.17R.6 | 107 g x 6 |

BE INDOOR



Quickdraw for indoor climbing. Its bottom carabiner, the BE ONE, has got a 'receiving zone' enlarged (12 mm diameter) to minimize wear caused by repeated falls. Its sling is 18 mm wide for a better grip. The quickdraw is equipped with a PINCH to hold the carabiner in position and to ensure effective protection against abrasion.

| | | |
|----------------------|--------------------|-----------|
| BE INDOOR 15 cm x 20 | BMQBI.15.20 | 68 g x 20 |
| BE INDOOR 15 cm x 5 | BMQBI.15.5 | 68 g x 5 |
| BE INDOOR 30 cm x 5 | BMQBI.30.5 | 78 g x 5 |
| BE INDOOR 60 cm x 5 | BMQBI.60.5 | 98 g x 5 |

BE SMITH CAPTIVE



Robust indoor climbing quickdraw. It's made with the very resistant steel carabiner BE SMITH CAPTIV, that turns the quickdraw ideal for first anchor quickdraw. Its sling is 18 mm wide for a better grip.

| | | |
|-----------------------------|---------------------|------------|
| BE SMITH CAPTIVE 15 cm x 5 | BMQBSC.15.5 | 123 g x 5 |
| BE SMITH CAPTIVE 15 cm x 20 | BMQBSC.15.20 | 123 g x 20 |

ASCENDERS

TRACT UP

Compact micro blocker for rope climbing.



| | |
|-------------|------|
| BMTU | 80 g |
|-------------|------|

HOLD UP

A compact ventral ascender for ascending ropes.



| | |
|--------------|------|
| BMBHO | 90 g |
|--------------|------|

HANDS UP

Handle ascender with ergonomic design to aid rope ascents with one or two hands.



| | |
|---------------|-------|
| BMBHAR | 265 g |
|---------------|-------|

AIR STEP

Adjustable footloop with quick adjusting system around the foot for ascending fixed ropes with an ascender.



| | |
|--------------|------|
| BSTEP | 75 g |
|--------------|------|

KIT

BACK UP CREVASSE SYSTEM

This kit includes a rope and a hauling system. It is destined for the help of a teammate who has fallen into a crevasse. It is essential for all glacier runners (on skis or on foot) who need a ready-to-use rescue system.

Just create the anchor, connect the kit and throw the bag containing the rope to the person needing to be rescued.



BXCS

METAL

DESCENDERS

AIR FORCE 1

The AIR FORCE ONE works with single ropes of any diameter. It fulfills the needs of beginner climbers using a 'classic' rope as well as advanced climbers using thinner ropes.

Colours : Fuchsia (F), Orange (O)

| | | |
|-------------|-------------------|------|
| AIR FORCE 1 | BMDAF1.col | 44 g |
|-------------|-------------------|------|



AIR FORCE 8

Classic, robust and easy to use belay device. It is compatible with a large range of rope diameters whether single, double or twin.



| | |
|---------------|-------|
| BMDAF8 | 120 g |
|---------------|-------|

AIR FORCE 2

The AIR FORCE 2 belay device is compatible with single ropes of any diameter but is specifically designed for use with half and twin ropes.

Colours : Blue (B), Orange (O)

| | | |
|-------------|-------------------|------|
| AIR FORCE 2 | BMDAF2.col | 73 g |
|-------------|-------------------|------|



BIRDIE

Compact belay device with assisted braking for lead climbing or top rope. All metal construction, with cam and friction components in steel for great durability. The rope exits following the device's axis, to avoid twisting. The BIRDIE can be used with all dynamic single ropes from 8.5 mm to 10.5 mm.

Colours : Blue (B), Green (G), Orange (O)

| | |
|------------------|-------|
| BMDAB.col | 220 g |
|------------------|-------|



AIR FORCE 3

Compatible with all rope types, the AIR FORCE 3 allows the leader, when at the stance, to individually belay and lock off one or two seconds. The small insert hole allows the rope to be released even when under tension.

Colours: Green (G), Blue (B)

| | | |
|-------------|-------------------|------|
| AIR FORCE 3 | BMDAF3.col | 93 g |
|-------------|-------------------|------|



PULLEYS

TRANSF'AIR 1

Single pulley with swivelling side plate ideal for large diameter ropes. Maximum diameter ≤ 16 mm.

| | |
|-------------|-------|
| BMP1 | 270 g |
|-------------|-------|



TRANSF'AIR 1B

Highly efficient single pulley with swivelling side plate and ball bearing mounted sheave. Maximum diameter ≤ 16 mm.

| | |
|--------------|-------|
| BMP1B | 280 g |
|--------------|-------|



TRANSF'AIR 2

Double pulley with swivelling side plates, ideal for use with large diameter ropes. Max diameter ≤ 16 mm.

| | |
|-------------|-------|
| BMP2 | 475 g |
|-------------|-------|



TRANSF'AIR 2B

Highly efficient double pulley with swivelling side plates thanks to a ball bearing mounted sheave. Max diameter ≤ 16 mm.

| | |
|--------------|-------|
| BMP2B | 500 g |
|--------------|-------|



TRANSF'AIR MINI



Compact and lightweight pulley with a swivelling side plate. Max diameter ≤ 11 mm.

| | |
|----------------|-------|
| BMPMINI | 120 g |
|----------------|-------|



TRANSF'AIR FIXE

Lightweight and compact pulley with fixed side plates. Thanks to its small size and weight, it is easy to handle. Maximum diameter ≤ 12 mm.

| | |
|-------------|------|
| BMPF | 90 g |
|-------------|------|



TRANSF'AIR FIXE B

Fixed sided pulley with a ball bearing mounted sheave to ensure optimal efficiency. Maximum diameter ≤ 13 mm.

| | |
|--------------|-------|
| BMPFB | 120 g |
|--------------|-------|



TRANSF'AIR TWIN B

Double pulley with both sheaves mounted on ball bearings, especially designed for intensive use on rope or wire zip lines. Max rope diameter ≤ 13 mm. Max cable diameter ≤ 12 mm.

| | |
|--------------|-------|
| BMPTB | 282 g |
|--------------|-------|

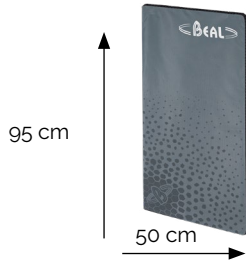


NEW



CRASH PADS

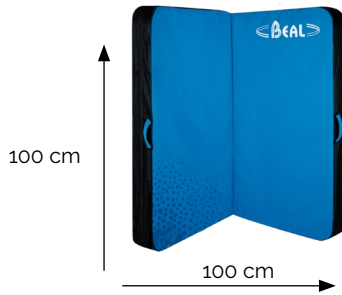
ADDITION PAD



Additional mattress to protect the periphery of the crash pad. It can be positioned between two crash pads to ensure a better connection. Also useful for sit-outs away from the potential drop zone.

| | | |
|--------------|---------------|-------|
| Colour: Grey | BEREAD | 700 g |
|--------------|---------------|-------|

AIR LIGHT



The AIR LIGHT is a crash pad made of cross-linked bi-density foam with a very high absorption capacity guaranteeing for the whole life of the crash pad excellent absorption capacity.

| | | |
|--------------|--------------|--------|
| Colour: Blue | BEREL | 3200 g |
|--------------|--------------|--------|

TRIPLE AIR LIGHT



The TRIPLE AIR LIGHT is a crash pad made of cross-linked triple-density foam with very high absorption and persistence capacity, guaranteeing excellent dynamic capabilities throughout the life of the crash pad.

| | | |
|-------------|--------------|--------|
| Colour: Red | BERET | 5600 g |
|-------------|--------------|--------|

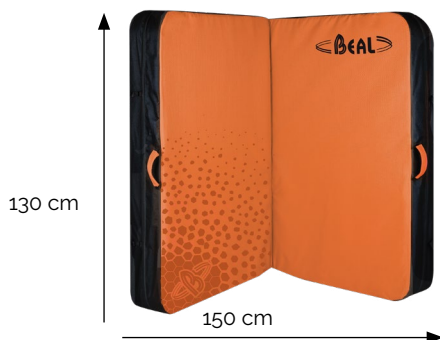
DOUBLE AIR BAG



The DOUBLE AIR BAG is a crash pad made of cross-linked triple-density foam with a very high absorption capacity guaranteeing for the whole life of the crash pad an excellent absorption capacity.

| | | |
|-------------------|--------------|--------|
| Colour: Turquoise | BERE2 | 5800 g |
|-------------------|--------------|--------|

JUMBO PAD



The JUMBO PAD is a crash pad made of cross-linked triple-density foam with very high absorption capacity, guaranteeing excellent absorbency throughout the life of the crash pad.

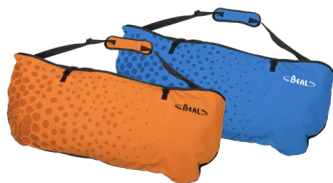
| | | |
|----------------|---------------|--------|
| Colour: Orange | BEREJP | 6410 g |
|----------------|---------------|--------|

ACCESSORIES

NEW

ROPE BAGS

FOLIO



FOLIO protects the rope during transport and from the ground. It eliminates coiling, reduces twisting and removes the risk of knots when belaying the leader.

| | | |
|-------------------|-----------------|-------|
| BSAC.F.col | capacity : 35 L | 530 g |
|-------------------|-----------------|-------|

Colours : Orange (O), Blue (B)

COMBI



A rope bag as easy to carry as a rucksack and just as practical as a travel bag.

| | | |
|-----------------------|-----------------|-------|
| BSAC.COMBI.col | capacity : 45 L | 475 g |
|-----------------------|-----------------|-------|

Colours : Grey (GY), Blue (B), Turquoise (T)

COMBI CLIFF



Rope bag beautifully designed to carry your rope and the rest of your climbing gear. Its integral ground mat of 145 x 90 cm has handles so that the rope can be carried from route to route ready to use and also to identify each extremity in order to find them easily for the next trip.

| | | |
|------------------|-----------------|-------|
| BSAC.CF.O | capacity : 45 L | 835 g |
|------------------|-----------------|-------|

Colours : Orange

HYDRO BAG



40L backpack made of PVC material for canyoning. Adapted for long approaches thanks to its comfortable padded back and shoulder straps, it is equipped with a hip and sternum belt for better stability when carrying. The HYDRO BAG has multiple drain holes on the sides and bottom for optimized water evacuation. Its bottom is consolidated for better durability and protection against abrasion. In case of emergency, it's possible to eject the bag thanks to the shoulder straps quick-release buckles.

| | | |
|-------------------|-----------------|-------|
| BSAC.HYDRO | capacity : 40 L | 475 g |
|-------------------|-----------------|-------|

SWING KIT



17L double opening rope bag for canyoning. One side can be used to set up the anchor line, while the other side can be used to set up the rope for descent. The SWING KIT double opening means the whole operation becomes easier and safer to use by optimizing weight and avoiding tangles.

| | | |
|-------------------|-----------------|-------|
| BSAC.SWING | capacity : 17 L | 500 g |
|-------------------|-----------------|-------|

ROPE OUT



Rope carrying bag for glacier courses & mountaineering. It replaces the uncomfortable rope rings around the chest. It allows to give slack quickly and it can be thrown in case of crevasse rescue. (sold without rope)

| | | | |
|--------------|-----------------|--|-------|
| ROPE OUT 4 L | BSAC.RO4 | 30 à 60 m (Back up 5 mm) 40 m (Gully 7,3 mm) | 130 g |
| ROPE OUT 7 L | BSAC.RO7 | 30 à 60 m (Back up 5 mm) 60 m (Gully 7,3 mm) 40 m (Opéra 8,5 mm) | 150 g |

GLOVES

ASSURE MAX

Protective glove for safe belaying, top-roping descents or belay devices.



| | |
|------------------|--------------------------|
| BGAM.size | Sizes : S, M, L, XL, XXL |
|------------------|--------------------------|

ASSURE

Protective mitten for safe belaying, top-roping descents or belay devices specially designed fitting for fingertips.



| | |
|-----------------|--------------------------|
| BGA.size | Sizes : S, M, L, XL, XXL |
|-----------------|--------------------------|

RAPPEL GLOVES

All-leather gloves, reinforced where the rope runs, specially adapted for descending the rope.



| | |
|-----------------|--------------------------|
| BGR.size | Sizes : S, M, L, XL, XXL |
|-----------------|--------------------------|

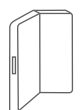
ROPE TECH GLOVES

Hybrid gloves, half-leather palms, half breathable stretch fabric on the back.



| | |
|------------------|--------------------------|
| BGRT.size | Sizes : S, M, L, XL, XXL |
|------------------|--------------------------|

| | |
|---------------------|--------------------------|
| BGRT.size.BK | Sizes : S, M, L, XL, XXL |
|---------------------|--------------------------|



ACCESSORIES

CHALK BAGS

COCOON CLIC-CLAC



An end to tediously undoing the chalk bag string. Thanks to a new clic-clac patented system, opening the cocoon is instantaneous. You can now close your bag hermetically in mid-route with just one hand. And once opened, it's big enough to take your entire hand.

BSAC.M.col

Colours : Red (R), Blue (B), Black (BK), Green (G), Orange (O), Fuchsia (F)

MAXI COCOON



The rigid and unbreakable ring that forms its opening allows the bag to remain wide open for easy access to the chalk.

BSAC.MX.col

Colours : Red (R), Blue (B), Black (BK), Green (G), Orange (O), Fuchsia (F)

MONSTER COCOON



A very big chalkbag perfect for bouldering sessions.

BSAC.MXL.col

Colours : Green (G), Orange (O)

CHALK

PURE GRIP



This new generation chalk is better suited to the needs of climbers whether indoors or bouldering. On indoor walls PURE GRIP makes no dust and lasts twice as long.

BPG PURE GRIP (pack 12x 250 ml)

ROLL GRIP



Liquid chalk in a roll-on roller bottle. Refillable with PURE GRIP.

BPGROLL ROLL GRIP (pack 20x 50 ml)

CHALK CRUMBLE

NEW



Crunchy chalk that dries the hands and ameliorate the friction against the rock or indoor structure. Its resealable packaging protects the chalk from humidity and make it easy to carry as a potential refiller.

BBCRUMBLE 200 g

BALL-IT



A different, more manageable and economic form of chalk. It effectively reduces the residue left on holds or spilt onto the floor or mat.

BBALL35 BALL-IT 2x 35 g

BBALL56 BALL-IT 56 g

CHALK STATION



Re-fillable chalk ball - by means of a string to untie and re-tie the bag.

BBALLST Chalk station 56 g

ACCESSORIES

SMALL ACCESSORIES

STRAP X



Finger tape especially developed for climbers concerned to protect their tendons and joints.

| | |
|-------------------|----------------------|
| BSTRAP1255 | STRAP 1,25 cm x 5 m |
| BSTRAP2505 | STRAP 2,50 cm x 5 m |
| BSTRAP2510 | STRAP 2,50 cm x 10 m |

WARM-UP



Silicone balls of differing hardnesses for pre-climb warm up of hands and fingers.

| | |
|----------------|------------------------|
| BWARM.Y | WARM-UP Easy - Yellow |
| BWARM.G | WARM-UP Medium - Green |
| BWARM.B | WARM-UP Hard - Blue |

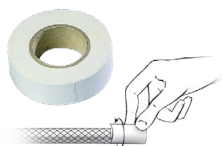
RING'O



A very lightweight split-ring which allows efficient storage of the rope at each belay. An end to ropes which tangle at the belay, or long buckles that catch on the rock or branches

| | |
|--------------|--------|
| BRING | RING'O |
|--------------|--------|

ROPE TAPE



| | |
|------------|---------------|
| BRT | ROPE TAPE 10m |
|------------|---------------|

ROPE END



The kit consists of non-rotting labels and heat-shrink sheath to allow you to replace old rope endings, but more importantly to let you establish your own rope traceability. The label is non-tear and waterproof, the heatshrink cover is very abrasion resistant.

| | |
|-------------|------------------------------|
| BRE | ROPE END KIT (2 cm x50) |
| BREP | ROPE END KIT XL (8,5 cm x25) |

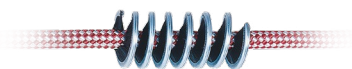
NFC CHIPS



NFC is a new standard in RFID chips, ultra compact and flat, compatible with most new generation Smartphones, or any NFC external reader.

| | |
|-------------|-----------------|
| BNFC | NFC CHIPS (x20) |
|-------------|-----------------|

ROPE BRUSH



A brush specifically created to clean ropes. Adapts easily to different diameters. Twist the brush onto the rope then run the rope through the brush while holding it firmly under water.

| | |
|------------|------------|
| BRB | ROPE BRUSH |
|------------|------------|

ROPE CLEANER



Non-aggressive detergent developed to clean ropes and harnesses easily. Will not damage polyamide - water temperature < 30° C.

| | |
|------------|-------------------|
| BRC | ROPE CLEANER - 1L |
|------------|-------------------|

ROPE MARKER



BEAL has developed a special ink for marking ropes, in the middle as well as at the ends. This ink hardly stiffens the rope, is water resistant, and stands up to abrasion well. NB: it does not affect polyamide.

| | |
|------------|-------------|
| BRM | ROPE MARKER |
|------------|-------------|

ROPE CUTTER



| | |
|-------------|-------------|
| BCUT | ROPE CUTTER |
|-------------|-------------|



HEADLAMPS, LANTERNS

L24



With a surprising output of 24 lumens for its small size, this is the lightest in the 'Light' series. This ultra-light and compact headlamp has all the advantages of a larger variant: 2 independent light sources and 6 operation modes!

BEL24.col Until stock runs out

Colours : Black (BK) - Transparent Red (TR) - White (W)

L80



With 80 lumens and 5 lighting modes, the L80 sets the standard in headlamp versatility.

BEL80.col Until stock runs out

Colours : Transparent Fuchsia (TF)

FF120



A headlamp with 2 surprisingly powerful light sources in relation to its size: 120 lumens in maximum mode with an 120 m throw yet weighing in at only 96 g. «Continuous Power» in Medium mode.

BEFF120.col Until stock runs out

Colours : Transparent Black (TBK) - Turquoise (T)

FF150



An amazing headlamp with 3 lighting sources, as powerful as it is compact: 150 lumens in its 'Total Power' mode and a lighting distance up to 60 m yet only 113 g. «Continuous Power» in Max and Medium mode.

BEFF150.col Until stock runs out

Colours : Anis (A) - orange (O)

FF170



A 170 lumen headlamp armed with 3 independent light sources aimed at the most extreme activities, from the fastest to the longest

BEFF170.GY Until stock runs out

Colour : Grey (GY)

FF190



An ultra-powerful 190 lumens headlamp possessing a second equally powerful independent light source armed with an ultra large reflector for incredible peripheral lighting!

BEFF190.BK Until stock runs out

Colour : Black (BK)

FF210 R



A powerful rechargeable headtorch able to simultaneously provide both close proximity lighting as well as long distance lighting. Its two buttons allow a second light source to be switched on and off independently whilst maintaining the first. The torch can be recharged using USB but equally works with AAA batteries. The FF210R uses Continuous Power for all its settings when used with the rechargeable battery.

BEFF210.BK

Colour : Black (BK)

BE VISI



A lighting concept that ensures you are seen in all conditions.

Two WHITE and FLASHING light sources, FRONT and BACK, with additional reflective strips around the sides provide 360 degrees of security for your running sessions, regardless of the weather conditions. Ideal for night running in an urban environment, it consists of two light sources: a L28 head torch at the FRONT with an L24 head torch at the rear. It also features a reflective fluorescent band for additional visibility from the sides.

BEBV.col Until stock runs out

Colours : Pink (P)

PROFESSIONAL SELECTION

MOOR

NEW



| | | | | |
|-----------------------|------------|-----------------------|------|-------------------|
| MOOR 10 mm (x20) | BMH.M10 | STEEL | 70 g | EN 795 A / EN 959 |
| MOOR 10 mm (x20) | BMH.M10SS | STAINLESS STEEL 316 L | 71 g | EN 795 A / EN 959 |
| MOOR 12 mm (x20) | BMH.M12 | STEEL | 70 g | EN 795 A / EN 959 |
| MOOR 12 mm (x20) | BMH.M12SS | STAINLESS STEEL 316 L | 71 g | EN 795 A / EN 959 |
| MOOR BOLT 10 mm (x20) | BMH.MB10 | STEEL | 70 g | EN 795 A / EN 959 |
| MOOR BOLT 10 mm (x20) | BMH.MB10SS | STAINLESS STEEL 316 L | 72 g | EN 795 A / EN 959 |
| MOOR BOLT 12 mm (x20) | BMH.MB12SS | STAINLESS STEEL 316 L | 96 g | EN 795 A / EN 959 |

10,5 mm ACCESS

| | |
|-------------------------------|---------------|
| Standard | A |
| Breaking load | 3000 daN (kg) |
| CE | EN 1891 |
| % sheath | 38 % |
| Weight per meter | 65 g |
| Résistance terminaison cousue | 2400 daN (kg) |



Thanks to the UNICORE Process, Access ropes reach a new level in security. In effect, the UNICORE Process integral to this 10,5 mm rope will secure most delicate operations, whilst retaining lightness and flexibility.

| | | | |
|-----------------------|--|------------------------|-------|
| Colours : | | BCSA105.100.col | 100 m |
| Blue (B) - Orange (O) | | BCSA105.200.col | 200 m |
| | | BCSA105.500.col | 500 m |

11 mm ACCESS

| | |
|-------------------------------|---------------|
| Standard | A |
| Breaking load | 3400 daN (kg) |
| CE | EN 1891 |
| % sheath | 36 % |
| Weight per meter | 74 g |
| Résistance terminaison cousue | 2400 daN (kg) |



With UNICORE as standard, bonding core and sheath for maximum security in all situations.

| | | | |
|-----------------------|--|-----------------------|-------|
| Colours : | | BCSA11.100.col | 100 m |
| Pink (P) - Yellow (Y) | | BCSA11.200.col | 200 m |
| | | BCSA11.500.col | 500 m |

10,5 mm ANTIPODES

| | |
|-------------------------------|---------------|
| Standard | A |
| Breaking load | 3000 daN (kg) |
| CE | EN 1891 |
| % sheath | 38 % |
| Weight per meter | 65 g |
| Résistance terminaison cousue | 2400 daN (kg) |



Very tough, this is the established standard rope for work at height. Same construction as the INDUSTRIE 10,5 mm.

| | | |
|--|-------------------|-------|
| | BCS105.50 | 50 m |
| | BCS105.100 | 100 m |
| | BCS105.200 | 200 m |
| | BCS105.500 | 500 m |

10,5 mm INDUSTRIE

| | |
|-------------------------------|---------------|
| Standard | A |
| Breaking load | 3000 daN (kg) |
| CE | EN 1891 |
| % sheath | 38 % |
| Weight per meter | 65 g |
| Résistance terminaison cousue | 2400 daN (kg) |



This rope is specially adapted to requirements of work at height companies.

| | | | |
|-----------|--|---------------------|-------|
| Colours : | | BCS105.50 | 50 m |
| White | | BCS105.100 | 100 m |
| | | BCS105.200 | 200 m |
| | | BCS105.500 | 500 m |
| Colours : | | BCS105.50.R | 50 m |
| Red (R) | | BCS105.100.R | 100 m |
| | | BCS105.200.R | 200 m |
| | | BCS105.500.R | 500 m |
| Colours : | | BCS105.100.B | 100 m |
| Blue (B) | | BCS105.200.B | 200 m |

10,5 mm CONTRACT

| | |
|-------------------------------|---------------|
| Standard | A |
| Breaking load | 2700 daN (kg) |
| CE | EN 1891 |
| % sheath | 39 % |
| Weight per meter | 66 g |
| Résistance terminaison cousue | - |



Type A rope with the optimum balance quality/price.

| | | |
|--|--------------------|-------|
| | BCS105C.20 | 20 m |
| | BCS105C.30 | 30 m |
| | BCS105C.40 | 40 m |
| | BCS105C.50 | 50 m |
| | BCS105C.60 | 60 m |
| | BCS105C.80 | 80 m |
| | BCS105C.100 | 100 m |
| | BCS105C.200 | 200 m |
| | BCS105C.500 | 500 m |

11 mm SEGMENT

| | |
|-------------------------------|---------------|
| Standard | A |
| Breaking load | 3200 daN (kg) |
| CE | EN 1891 |
| % sheath | 35 % |
| Weight per meter | 71 g |
| Résistance terminaison cousue | 2400 daN (kg) |



Rope for work at height with the optimum quality price ratio.

| | | |
|--|-------------------|-------|
| | BCS11S.50 | 50 m |
| | BCS11S.60 | 60 m |
| | BCS11S.100 | 100 m |
| | BCS11S.200 | 200 m |
| | BCS11S.500 | 500 m |

NEW



BEAL INNOVATIONS

THE SECURITY, THE PROCESS & THE TREATMENTS

FOR MORE SECURITY

Lower impact force and higher number of falls held, so better security.

The more the impact force is lowered:

- > The more your fall is cushioned
- > The more you protect your anchor point (particularly important if it is questionable).
- > The easier it is for your second to hold you.

RAISED NUMBER OF FALLS

Although the UIAA requires a minimum resistance to 5 falls at factor 1.77. BEAL greatly exceeds the requirements of the standards and goes well beyond this number of falls.

LOW IMPACT FORCE

Apart from Wall Master VI, with very specific properties, all the single ropes have a maximum impact force of around 7 kN, and the double ropes around 5 kN. But we go much further, because at the end of the series of successive test falls, our ropes still do not exceed the limit which is only required for the first fall! When you consider that rope loses some of its dynamic qualities with each fall, this is an incredible performance, guaranteed only by BEAL!

SHARP EDGE

In 2002 the UIAA adopted a complementary test to the normal one for testing the strength of a rope over a metal edge. The standard UIAA test involves a mass of 80 kg, with a fall of factor 1.77, held over a metal edge of 5mm radius to simulate a karabiner. The test uses the same weight of 80 Kg (55 Kg for one strand of double rope), and the same fall factor, but this time over a sharp edge of just 0.75 mm radius. From 2005, the UIAA no longer recognises the validity of this test.

OUR OPTIONS

SAFE CONTROL

Change of pattern in the middle of the rope without cutting the filaments to indicate a length of rope sufficient for descending.

BICOLOR

Change of colour in mid-rope, for use when abseiling on double rope.

BLACK LIMIT

Indelible black marking at the rope's mid-point, on single ropes. All Beal dynamic single ropes benefit of the BLACK LIMIT, except indoor climbing ropes.

LIFETIME

The maximum lifetime of plastic and textile BEAL PPE is up to 15 years. Lifetime = Time in storage (5 years) + time in use (10 years). The lifetime of metal PPE is not limited.

ATTENTION :

This is the potential lifetime in use. An item of PPE may be destroyed during its very first use. It's inspection and control which determine if the product must be scrapped earlier. Between uses, appropriate storage is essential.

OUR PROCESS

UNICORE PROCESS

An astonishing process, bonding rope sheath and core without affecting the rope's suppleness. If the sheath is cut or torn, the core and sheath remain bonded together. With a standard rope, if the sheath is cut by abrasion over an edge, a frequent occurrence in the mountains, it slides and gathers over some metres. It then becomes impossible to pass this zone, whether ascending or descending.

THERMO FLUID

An infrared treatment which stabilises the sheath fibers and therefore makes yarns more homogeneous. The result is a more compact, better handling rope.

OUR TREATMENTS

DRY COVER

A process whereby every individual sheath strand receives a chemical treatment before the rope is manufactured. The treatment is hydrophobic, increases abrasion resistance and is polymerised at high temperatures. The polymerisation process together with every strand being coated individually increases the life of the treatment.

This treatment makes ropes more resistant against abrasion, repeated falls, heat, dust, moisture and vastly increases their durability.

A DRY COVER treated rope is:

- > More dust and moisture resistant.
- > More abrasion resistant.
- > Designed to maintain its suppleness in belay devices over time.

GOLDEN DRY

Process whereby every individual core and sheath strand is treated with a hydrophobic chemical formula before the rope is manufactured. The treatment is polymerised at high temperatures. This polymerisation process together with every strand being coated increases the longevity of the treatment. A GOLDEN DRY rope combines 2 treatments: the core's treatment is added to the DRY COVER sheath treatment. This helps to achieve an astonishingly durable and waterproof rope.

A GOLDEN DRY rope:

- Is more frost and water resistant.
- Gains very little weight in humid conditions.
- Improves rope suppleness through karabiners and belay devices.
- Is more abrasion resistant during normal use.

The GOLDEN DRY treatment allows ropes to be labelled as UIAA WATER REPELLENT:



CHOOSE YOUR ROPE

① SINGLE ROPE

①/2 HALF ROPE

⊙ TWIN ROPE

ACTIVE LINE

| | DISCOVERY CLIMBING | OCCASIONALLY SPORT CLIMBING | OCCASIONALLY MAJOR ROUTES | HIKING | ADULT | ADOLESCENT | CHILD | BEGINNER TOP ROPE CLIMBER |
|--|-----------------------|-----------------------------|---------------------------|----------------------|--------------------------|--------------------------|--------------------------|---------------------------|
| | Antidote 10,2 mm ① | Karma 9,8 mm ① | Legend 8,3 mm ①/2 | Rando 8 mm ⊙ | Wall Master 10,5 mm ① | Wall School 10,2 mm ① | Wall Cruiser 9,6 mm ① | Lock Up Cruiser 9,6 mm |
| | Virus 10 mm ① | Zenith 9,5 mm ① | - | Legend 8,3 mm ①/2 | Wall School 10,2 mm ① | Wall Cruiser 9,6 mm ① | Wall School 10,2 mm ① | Lock Up School 10,2 mm |
| | Karma 9,8 mm ① | Virus 10 mm ① | - | - | Wall Cruiser 9,6 mm ① | Wall Master 10,5 mm ① | Wall Master 10,5 mm ① | - |

INTENSIVE LINE

| | OCCASIONALLY CLIMBING | SPORT CLIMBING | SPORT CLIMBING HIGH LEVEL | SPORT CLIMBING EXPERT LEVEL | MAJOR ROUTES ADVENTURE CLIMBING | BIG WALL |
|--|-----------------------|---------------------|---------------------------|-----------------------------|--|---|
| | Tiger 10 mm ① | Booster 9,7 mm ① | Stinger 9,4 mm ① | Joker 9,1 mm ① ①/2 ⊙ | Cobra 8,6 mm ①/2 | Top gun 10,5 mm ① + Back up line 5 mm |
| | Flyer 10,2 mm ① | Tiger 10 mm ① | Booster 9,7 mm ① | Stinger 9,4 mm ① | Ice line 8,1 mm ①/2 | Flyer 10,2 mm ① + Back up line 5 mm |
| | Top Gun 10,5 mm ① | Flyer 10,2 mm ① | Tiger 10 mm ① | Opera 8,5 mm ① ①/2 ⊙ | Joker 9,1 mm ① ①/2 ⊙ + Back up line 5 mm | Tiger 10 mm ① + Back up line 5 mm |

MOUNTAIN LINE

| | MIXED ROUTE | HIGH LEVEL ALPINISM | ALPINISM | ICE FALLS | RANDO | GLACIER WALKING |
|--|--|--|---|--|-------------------------|-------------------------|
| | Cobra 8,6 mm ①/2 | Gully 7,3 mm ①/2 ⊙ <i>(impossible choice for a rope 3)</i> | Opera 8,5 mm ① ①/2 ⊙ + Back up Line 5 mm <i>(impossible choice for a rope 3)</i> | Gully 7,3 mm ①/2 ⊙ <i>(impossible choice for a rope 3)</i> | Opera 8,5 mm ① ①/2 ⊙ | Opera 8,5 mm ① ①/2 ⊙ |
| | Ice Line 8,1 mm ①/2 | Cobra 8,6 mm ①/2 | Gully 7,3 mm ①/2 ⊙ <i>(impossible choice for a rope 3)</i> | Ice Line 8,1 mm ①/2 | Joker 9,1 mm ① ①/2 ⊙ | Cobra 8,6 mm ①/2 |
| | Gully 7,3 mm ①/2 ⊙ <i>(impossible choice for a rope 3)</i> | Ice Line 8,1 mm ①/2 | Cobra 8,6 mm ①/2 | Cobra 8,6 mm ①/2 | Stinger 9,4 mm ① | Gully 7,3 mm ①/2 ⊙ |

NEW



THE BEAL RANGE

PROCESS

 UNICORE

 THERMOFLUID

TREATMENT

 DRY COVER

 GOLDEN DRY

ACTIVE LINE

Our ACTIVE ropes have been designed to cover the largest range of climbing disciplines possible, from the occasional outing to big walling with sport and indoor climbing in between. They are all constructed using BEAL's advanced technology which provides excellent impact absorption thanks to low impact forces.

Benefits:

- > Excellent impact absorption thanks to low impact forces
- > Ecological construction (without chemical treatments or dye)





INTENSIVE LINE


The INTENSIVE ropes are designed for hard work in the mountains. Every individual sheath strand has been DRY COVER treated to provide astonishing results: an increase in durability, moisture resistance and suppleness whilst reducing overall weight. All ropes are manufactured using the THERMO FLUID process creating a more compact and supple rope.

Benefits:

- > Dust and moisture resistance
- > Limited water absorption
- > Rope runs smoothly through karabiners and belay devices
- > Abrasion resistance during normal use

| Model | Standard | Type | Impact force UJAA Laboratory | BEAL guaranteed impact force | Number of falls UJAA Laboratory | Number of falls BEAL Guaranty | Extension during the first fall | Static elongation (80 kg) | Sheath slippage (± 5mm/2m) | Number of bobbins | Weight per metre | Process & treatments |
|-------|----------|------|------------------------------|------------------------------|---------------------------------|-------------------------------|---------------------------------|---------------------------|----------------------------|-------------------|------------------|----------------------|
|-------|----------|------|------------------------------|------------------------------|---------------------------------|-------------------------------|---------------------------------|---------------------------|----------------------------|-------------------|------------------|----------------------|

| | | | | | | | | | | | | |
|--------------------------------|--------|-----|---------------|--------|-----------|----|-------|-------|---------|----|-----|---|
| ZENITH 9,5 mm | EN 892 | ① | 7 - 7,3kN | 7,5 kN | 7 | 6 | 38% | 9,2% | 0 mm | 48 | 60g | |
| KARMA 9,8 mm | EN 892 | ① | 7,1 - 7,2kN | 7,5 kN | 9 | 7 | 36% | 8% | 0 mm | 40 | 58g | |
| VIRUS 10 mm | EN 892 | ① | 7,4 - 7,6kN | 7,6 kN | 9 | 8 | 35% | 9,7% | 0 mm | 48 | 63g | |
| ANTIDOTE 10,2 mm | EN 892 | ① | 7,4 - 7,6kN | 7,8 kN | 9 | 8 | 35% | 8% | 0 mm | 48 | 66g | |
| LEGEND 8,3 mm | EN 892 | ①/2 | 5 - 5,2 kN | 5,3 kN | 13 - 15 | 13 | 36% | 11,2% | 0 mm | 40 | 47g | |
| DIABLO 9,8 mm UNICORE | EN 892 | ① | 7,60 - 7,90kN | 8,2 kN | 5 - 6 | 5 | 36% | 9,2% | 0 mm | 32 | 61g |   |
| DIABLO 10,2 mm UNICORE | EN 892 | ① | 7,90 - 8,20kN | 8,4 kN | 7 | 6 | 37% | 8,7% | 0 mm | 32 | 64g |   |
| RANDO 8 mm | EN 892 | Ⓞ | 7,60 - 7,90kN | 8,5 kN | 12 | 12 | 36% | 8% | 0 mm | 32 | 36g | |
| WALL CRUISER 9,6 mm UNICORE | EN 892 | ① | 7,80 - 8kN | 8,2 kN | 7 - 9 | 6 | 36% | 8,5% | 0 mm | 32 | 62g |   |
| WALL SCHOOL 10,2 mm UNICORE | EN 892 | ① | 8,10 - 8,20kN | 8,4 kN | 7 - 8 | 6 | 36% | 8,5% | 0 mm | 32 | 64g |   |
| WALL MASTER VI 10,5 mm UNICORE | EN 892 | ① | 8,10 - 8,20kN | 8,4 kN | 8 - 9 | 7 | 36% | 8,5% | 0 mm | 32 | 71g |   |
| Standard requirements | EN 892 | | < 12kN/80 kg | | ≥ 5/80 kg | | ≤ 40% | ≤ 10% | ≤ 20 mm | | | |

| | | | | | | | | | | | | |
|---------------------------------|--------|-----|------------------------|--------|-----------|------|-------|-------|---------|----|-----|---|
| OPERA 8,5 mm UNICORE | EN 892 | ① | 7,10kN | 7,4 kN | 5 | 5 | 37% | 8,4% | 0 mm | 48 | 48g |    |
| OPERA 8,5 mm UNICORE | EN 892 | ①/2 | 5,50kN | 5,5 kN | 20-22 | 18 | 32% | 8,4% | 0 mm | 48 | 48g |    |
| OPERA 8,5 mm UNICORE | EN 892 | Ⓞ | 8,40 - 8,60kN | 8,8 kN | > 25 | ≥ 25 | 29% | 5,1% | 0 mm | 48 | 48g |    |
| JOKER/JOKER SOFT 9,1 mm UNICORE | EN 892 | ① | 7,90 - 8,20kN | 8,2 kN | 5-6 | 5 | 34% | 8% | 0 mm | 48 | 52g |    |
| JOKER/JOKER SOFT 9,1 mm UNICORE | EN 892 | ①/2 | 5,60 - 5,80kN | 6,0 kN | 24-26 | 20 | 32% | 8% | 0 mm | 48 | 52g |    |
| JOKER/JOKER SOFT 9,1 mm UNICORE | EN 892 | Ⓞ | 9,10 - 9,30kN | 9,5 kN | > 25 | > 25 | 29% | 7% | 0 mm | 48 | 52g |    |
| STINGER III 9,4 mm UNICORE | EN 892 | ① | 7 - 7,20kN | 7,5 kN | 8 | 7 | 37% | 9,5% | 0 mm | 40 | 57g |    |
| BOOSTER III 9,7 mm UNICORE | EN 892 | ① | 7,00 - 7,20kN | 7,4 kN | 8-9 | 7 | 38% | 9,7% | 0 mm | 40 | 61g |    |
| TIGER 10 mm UNICORE | EN 892 | ① | 7,50 - 7,60kN | 7,6 kN | 7-8 | 7 | 37% | 10% | 0 mm | 48 | 60g |    |
| FLYER 10,2 mm | EN 892 | ① | 7,20 - 7,30kN | 7,4 kN | 9 | 9 | 37% | 7,7% | 0 mm | 48 | 63g |   |
| TOP GUN II 10,5 mm UNICORE | EN 892 | ① | 7,35 - 7,40kN | 7,5 kN | 12-13 | 11 | 37% | 9,5% | 0 mm | 48 | 67g |    |
| APOLLO II 11 mm | EN 892 | ① | 7,50 - 7,60kN | 7,7 kN | 17-18 | 16 | 35% | 9,5% | 0 mm | 48 | 77g |   |
| FERRATA 28 M 9,4 mm | EN 892 | ① | 7,60 - 7,80kN | 8,2 kN | 8 - 9 | 6 | 37% | 9,5% | 0 mm | 40 | 59g |    |
| ICE LINE 8,1 mm UNICORE | EN 892 | ①/2 | 4,80 - 4,90kN | 5 kN | 6-7 | 6 | 37% | 11,5% | 0 mm | 32 | 39g |    |
| COBRA II 8,6 mm UNICORE | EN 892 | ①/2 | 5,30kN | 5,4 kN | 16 | 15 | 35% | 11,5% | 0 mm | 40 | 49g |    |
| VERDON II 9 mm | EN 892 | ①/2 | 5,4kN | 5,5 kN | 16 | 15 | 34% | 11% | 0 mm | 32 | 47g |   |
| Standard requirements | EN 892 | | < 8kN/55 kg sur 1 brin | | ≥ 5/55 kg | | ≤ 40% | ≤ 12% | ≤ 20 mm | | | |























































MOUNTAIN LINE













UIAA WATER REPELLENT

Specifically developed for climbing in challenging weather conditions found when mountaineering or ice climbing, MOUNTAIN ropes benefit from 2 treatments: in addition to the sheath's DRY COVER treatment, all core strands are individually treated with a water repellent coating. The combination of both treatments creates a GOLDEN DRY rope. All MOUNTAIN ropes are GOLDEN DRY. They therefore feature the same benefits as INTENSIVE ropes, but with minimal water absorption and increased suppleness. All MOUNTAIN ropes are UIAA WATER REPELLENT accredited, and are constructed using the THERMO FLUID process creating a more compact and supple rope.

Benefits:

- > Water and frost resistant
- > Very little weight gain in humid conditions
- > Prevents the rope diameter from expanding
- > Rope runs smoothly through karabiners and belay devices
- > Abrasion resistance during normal use

| Model | Standard | Type | Impact force UIAA Laboratory | BEAL guaranteed impact force | Number of falls UIAA Laboratory | Number of falls BEAL Guaranty | Extension during the first fall | Static elongation (80 kg) | Sheath slippage (± 5mm/2m) | Number of bobbins | Weight per metre | Resistance to a factor 1.77 fall over an edge of radius 0.75 mm | Process & treatments |
|----------------------------|----------|------|------------------------------|------------------------------|---------------------------------|-------------------------------|---------------------------------|---------------------------|----------------------------|-------------------|------------------|--|----------------------|
| OPERA 8,5 mm UNICORE | EN 892 | ① | 7,10 kN | 7,4 kN | 5 | 5 | 37% | 8,4% | 0 mm | 48 | 48g |    | |
| OPERA 8,5 mm UNICORE | EN 892 | ①/2 | 5,50 kN | 5,5 kN | 20-22 | 18 | 32% | 8,4% | 0 mm | 48 | 48g |    | |
| OPERA 8,5 mm UNICORE | EN 892 | ⊙ | 8,40 - 8,60 kN | 8,8 kN | > 25 | ≥ 25 | 29% | 5,1% | 0 mm | 48 | 48g |    | |
| JOKER 9,1 mm UNICORE | EN 892 | ① | 7,90 - 8,20 kN | 8,2 kN | 5-6 | 5 | 34% | 8% | 0 mm | 48 | 52g |    | |
| JOKER 9,1 mm UNICORE | EN 892 | ①/2 | 5,60 - 5,80 kN | 6,0 kN | 24-26 | 20 | 32% | 8% | 0 mm | 48 | 52g |    | |
| JOKER 9,1 mm UNICORE | EN 892 | ⊙ | 9,10 - 9,30 kN | 9,5 kN | > 25 | > 25 | 29% | 7% | 0 mm | 48 | 52g |    | |
| STINGER III 9,4 mm UNICORE | EN 892 | ① | 7 - 7,20 kN | 7,5 kN | 8 | 7 | 37% | 9,5% | 0 mm | 40 | 57g | ✓    | |
| BOOSTER III 9,7 mm UNICORE | EN 892 | ① | 7,00 - 7,20 kN | 7,4 kN | 8-9 | 7 | 38% | 9,7% | 0 mm | 40 | 61g | ✓    | |
| TIGER 10 mm UNICORE | EN 892 | ① | 7,50 - 7,60 kN | 7,6 kN | 7-8 | 7 | 37% | 10% | 0 mm | 48 | 60g | ✓    | |
| FLYER 10,2 mm | EN 892 | ① | 7,20 - 7,30 kN | 7,4 kN | 9 | 9 | 37% | 7,7% | 0 mm | 48 | 63g | ✓    | |
| TOP GUN II 10,5 mm UNICORE | EN 892 | ① | 7,35 - 7,40 kN | 7,5 kN | 12-13 | 11 | 37% | 9,5% | 0 mm | 48 | 67g |    | |
| APOLLO II 11 mm | EN 892 | ① | 7,50 - 7,60 kN | 7,7 kN | 17-18 | 16 | 35% | 9,5% | 0 mm | 48 | 77g |    | |
| GULLY 7,3 mm UNICORE | EN 892 | ①/2 | 4,80 kN | 5,2 kN | 7 | 6 | 35% | 10,1% | 0 mm | 32 | 36g |    | |
| GULLY 7,3 mm UNICORE | EN 892 | ⊙ | 7,80 kN | 7,9 kN | 14 | 12 | 34% | 8,9% | 0 mm | 32 | 36g |    | |
| ICE LINE 8,1 mm UNICORE | EN 892 | ①/2 | 4,80 - 4,90 kN | 5 kN | 6-7 | 6 | 37% | 11,5% | 0 mm | 32 | 39g |    | |
| COBRA II 8,6 mm UNICORE | EN 892 | ①/2 | 5,30 kN | 5,4 kN | 16 | 15 | 35% | 11,5% | 0 mm | 40 | 49g |    | |
| VERDON II 9 mm | EN 892 | ①/2 | 5,4 kN | 5,5 kN | 16 | 15 | 34% | 11% | 0 mm | 32 | 47g | ✓    | |
| RANDO 8 mm | EN 892 | ⊙ | 7,60 - 7,90 kN | 8,5 kN | 12 | 12 | 36% | 8% | 0 mm | 32 | 36g |    | |

| Model | Standard | Type | Breaking load | Number of factor 1 falls | Impact force factor 0.3 | Elongation 50/150 kg | Sheath slippage | Weight per metre | Sheath percentage | Core percentage | Shrinkage | Material | Process & treatments |
|----------------------------|-----------|------|--|---------------------------------------|-------------------------|----------------------|--|------------------|-------------------|-----------------|-----------|-----------------------------|---|
| ANTIPODES 8 mm | EN 564 | - | 1800 daN (kg) | 2 (80 kg) | 4,0 kN | 6,5 % | 0 % | 41 g | 41 % | 59 % | 4 % | Polyamid |  |
| SPELENIUM 8,5 mm UNICORE | EN 1891 B | | 2000 daN (kg) | 7 (80 kg) | 4,0 kN | 4,8 % | 0 % | 49 g | 42 % | 58 % | 1 % | Polyamid |   |
| SPELENIUM 9 mm | EN 1891 B | | 2200 daN (kg) | 8 (80 kg) | 4,5 kN | 3,6 % | 0 % | 51 g | 40 % | 60 % | 3,1 % | Polyamid |  |
| SPELENIUM GOLD 9,5 mm | EN 1891 B | | 2000 daN (kg) | 5 (80 kg) | 5,2 kN | 2 % | 0 % | 55 g | 39 % | 61 % | 2 % | Polyamid/Polyamid + Vectran |  |
| SPELENIUM 10 mm | EN 1891 A | | 2500 daN (kg) | 6 (100 kg) | 5,0 kN | 4,1 % | 0 % | 61 g | 41 % | 59 % | 3 % | Polyamid |  |
| SPELENIUM 10,5 mm | EN 1891 A | | 2800 daN (kg) | 15 (100 kg) | 5,0 kN | 3,5 % | 0 % | 68 g | 37 % | 63 % | 3 % | Polyamid |  |
| Standard requirements | | | > 2200 daN (kg) type A > 1800 daN (kg) type B | > 5/100 kg type A > 5/80 kg type B | < 6 kN type A et B | ≤ 5 % en type A et B | 20 mm + 10 (D-9 mm) type A < 15 mm type B | | | | | Polyamid | |
| AQUA' TECH 9 mm | EN 1891 B | | 1900 daN (kg) | 8 (80 kg) | 4,0 kN | 3,6 % | 0,3 % | 51 g | 43 % | 57 % | 4 % | Polyamid |  |
| AQUALINE 9,5 mm | EN 1891 B | | 2000 daN (kg) | 5 (80 kg) | 5,2 kN | 2,4 % | 0,4 % | 55 g | 39 % | 61 % | 2 % | Polyamid/Polyamid + Vectran |  |
| AQUARAM 9,6 mm | EN 1891 B | | 2700 daN (kg) | 5 (80 kg) | 5,5 kN | 3,2 % | 0 % | 65 g | 37 % | 63 % | 1,2 % | Aramid + Polyester/Polyamid |  |
| PRO CANYON 10,3 mm UNICORE | EN 1891 A | | 2500 daN (kg) | 5 (100 kg) | 5 kN | 3,6 % | 0 % | 70 g | 36 % | 64 % | 0 % | Polyamid |   |
| Standard requirements | EN 1891 | | > 2200 daN (kg) type A > 1800 daN (kg) type B | > 5 type A et B | < 6 kN en type A et B | ≤ 5 % en type A et B | 20 mm + 10 (D-9 mm) type A < 15 mm type B | | | | | | |

CAVING & SEMI-STATIC

UIAA WATER REPELLENT



CANYONING



ACCESSORY CORDS

(p.18)

| DIAMETER | STANDARD | CERTIFICATION | WEIGHT PER METER | BREAKING LOAD |  ** | MATERIAL | CONDITIONING |
|-------------------|----------|---------------|------------------|---------------|---|---------------------------------|----------------------|
| 2 mm | - | - | 2,4 g | 70 daN (kg) | - | Polyamid | 120 m/pack 10 m |
| 3 mm | - | - | 6,5 g | 180 daN (kg) | - | Polyamid | 120 m/pack 10 m |
| 4 mm | EN 564 | CE/UIAA | 11 g | 400 daN (kg) | 530 daN (kg) | Polyamid | 120 m/pack 7 m |
| 5 mm | EN 564 | CE/UIAA | 19,5 g | 650 daN (kg) | 980 daN (kg) | Polyamid | 120 m/pack 6 m |
| Back up line 5 mm | EN 564 | CE/UIAA | 21 g | 1200 daN (kg) | 1350 daN (kg) | Polyamid/aramid | 30/40/50/60/70/200 m |
| 5 mm Pure Dyneema | EN 564 | CE/UIAA | 15 g | 1200 daN (kg) | 1500 daN (kg)* | 100 % Dyneema | 50 m |
| 5,5 mm Dyneema | EN 564 | CE/UIAA | 20 g | 1800 daN (kg) | 2000 daN (kg)* | Polyamid sheath Dyneema Core | 50 m |
| 5,5 mm Aramide | EN 564 | CE | 23 g | 1500 daN (kg) | 1500 daN (kg) | Polyamid sheath Aramid Core | 100 m/50 m |
| 6 mm | EN 564 | CE/UIAA | 23 g | 810 daN (kg) | 1200 daN (kg) | Polyamid | 120 m/pack 5,5 m |
| 7 mm | EN 564 | CE/UIAA | 31 g | 1170 daN (kg) | 1680 daN (kg) | Polyamid | 120 m/pack 4 m |
| 8 mm | EN 564 | CE/UIAA | 40 g | 1530 daN (kg) | 2200 daN (kg) | Polyamid | 200 m |

* With quadruple fisherman's knot

** Tests performed internally, not covered by any certification (Except CE)

TAPES

(p.18)

| WIDTH | STANDARD | CERTIFICATION | WEIGHT PER METER | BREAKING LOAD |  ** | MATERIAL | CONDITIONING |
|-----------------|----------|---------------|------------------|---------------|---|------------------|--------------|
| Tubulaire 16 mm | EN 565 | CE | 35,4 g | 1200 daN (kg) | 1800 daN (kg) | Polyamid | 100 m |
| Tubulaire 26 mm | EN 565 | CE | 35,5 g | 1500 daN (kg) | 2000 daN (kg) | Polyamid | 100 m |
| Dyneema 15 mm | EN 565 | CE | 27,5 g | 1800 daN (kg) | 2000 daN (kg) | Polyamid/Dyneema | 50 m |
| Plate 18 mm | EN 565 | CE | 37,6 g | 1500 daN (kg) | 1800 daN (kg) | Polyamid | 100 m |
| Plate 26 mm | EN 565 | CE | 42,5 g | 1500 daN (kg) | 1900 daN (kg) | Polyamid | 100 m |
| Plate 30 mm | EN 565 | CE | 35,7 g | 1500 daN (kg) | 1950 daN (kg) | Polyamid | 100 m |
| Plate 45 mm | EN 565 | CE | 57,8 g | 2200 daN (kg) | 2600 daN (kg) | Polyamid | 80 m |

** Tests performed internally, not covered by any certification (Except CE)

ROUND SLINGS

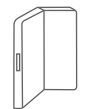
(p.19)

| WIDTH | STANDARD | CERTIFICATION | WEIGHT | BREAKING LOAD | LENGTH | MATERIAL | CONDITIONING |
|------------------------|------------------------|---------------|----------------|---------------|--------------------------|----------|--------------|
| Tubulaire 16 mm | EN 566 | CE | 60 cm - 46 g | 2200 daN (kg) | 60/120 cm | Polyamid | 5 |
| Tubulaire 26 mm | EN 566/EN 354 | CE | 60 cm - 46 g | 2200 daN (kg) | 60/80/120/150/200/240 cm | Polyamid | 5 |
| Plat 18 mm | EN 566/EN 795 B/EN 354 | CE | 60 cm - 48 g | 2200 daN (kg) | 40/60/80/100/120/150 cm | Polyamid | 5 |
| Plat 26 mm | EN 566 | CE | 60 cm - 55 g | 2200 daN (kg) | 30/100/120/150/175 cm | Polyamid | 5 |
| Plat 30 mm | EN 566 | CE | 60 cm - 46,5 g | 2200 daN (kg) | 100/120/150/175 cm | Polyamid | 5 |
| Tubulaire Dyneema 6 mm | EN 566 | CE | 60 cm - 16,8 g | 2200 daN (kg) | 60/120 cm | Dyneema | 5 |
| Plat Dyneema 10 mm | EN 566/EN 795 B/EN 354 | CE | 60 cm - 19,8 g | 2200 daN (kg) | 60/120/180 cm | Dyneema | 5 |
| Plat Dyneema 10 mm | EN 566/EN 795 B | CE | 240 cm - 79 g | 2200 daN (kg) | 240 cm | Dyneema | 5 |

LANYARDS

(p.20)

| | STANDARD | CERTIFICATION | LENGTH | DYNAMIC LANYARD | WEIGHT | STRENGTH |
|----------------|---------------------------|---------------|-------------------------|-----------------|----------------------|-----------------|
| Dynaconnexion | EN 566 UIAA 109 | CE / UIAA | 40-80 cm | ✓ | 100 g | 22 kN (2200 kg) |
| Dynaclip | UIAA 109 | CE / UIAA | 40 cm / 50 cm / 75 cm | ✓ | 55 g / 60 g / 75 g | 15 kN (1500 kg) |
| Dynapark | UIAA 109 | CE / UIAA | 80 cm - 80 cm | ✓ | 125 g | 15 kN (1500 kg) |
| Dynadoubleclip | UIAA 109 | CE / UIAA | 40-75 cm | ✓ | 110 g | 15 kN (1500 kg) |
| Dynaloop | EN 566/EN 354 UIAA 109 | CE / UIAA | 60 cm / 120 cm / 150 cm | ✓ | 76 g / 145 g / 166 g | 22 kN (2200 kg) |
| Nexus I | EN 354 | CE | 60 cm / 80 cm | | 50 g / 60 g | 22 kN (2200 kg) |
| Nexus V | EN 354 | CE | 80 cm - 80 cm | | 100 g | 22 kN (2200 kg) |



HARNESS

(p.22-23)

NEW

The safety and comfort during a fall have always been Beal's DNA in all vertical practices. With ergonomics and more, our ranges of harnesses do not escape this rule (know how).

EXPERT LINE :

A performing range for experienced and demanding users, looking for compactness, lightness and comfort.

| | WAIST | LEG LOOP | WEIGHT | STANDARDS |
|------------|--|---|----------------------------------|----------------|
| ELLIPSE XT | T1 : 69-89cm T2 : 77-107cm | T1 : 46-61cm T2 : 53-69cm | T1 : 390g T2 : 430g | EN12277 type C |
| GHOST | S : 65-80cm M : 75-90cm L : 80-105cm | S : 46-53cm M : 52-60cm L : 57-70cm | S : 220g M : 250g L : 280g | EN12277 type C |



ELLIPSE XT
COMPACT



GHOST
COMPACT

INTENSIVE LINE :

Range of harnesses for regular to intensive use. Comfort and ergonomics are particularly suited to each of these harnesses.

| | WAIST | LEG LOOP | WEIGHT | STANDARDS |
|---------|--|---|---|----------------|
| SHADOW | T1 : 69-89cm T2 : 77-107cm | T1 : 46-61cm T2 : 53-69cm | T1 : 365g T2 : 410g | EN12277 type C |
| VENUS | T1 : 61-76cm T2 : 75-90cm | T1 : 45-57cm T2 : 54-66cm | T1 : 324g T2 : 358g | EN12277 type C |
| PHANTOM | S : 72-79cm M : 78-86cm L : 86-95cm XL : 94-106cm | S : 53-60cm M : 57-64cm L : 61-69cm XL : 65-72cm | S : 310g M : 325g L : 335g XL : 350g | EN12277 type C |



SHADOW
SOFT



VENUS
SOFT



PHANTOM
COMPACT

ACTIVE LINE :

Harnesses for learning and occasional practice of verticality. A single universal size for each of these models, characterises their great versatility and adjustment to each morphology.

| | WAIST | LEG LOOP | WEIGHT | STANDARDS |
|-----------------|----------|----------|--------|----------------|
| AERO-CLASSIC II | 60-120cm | 40-75cm | 385g | EN12277 type C |
| AERO-TEAM | 45-115cm | 26-72cm | 395g | EN12277 type C |
| NO PAD | 45-123cm | 40-75cm | 430g | EN12277 type C |



AERO-CLASSIC II



AERO-TEAM



NO PAD

SPECIALISED LINE :

Range of special harnesses, each designed for a specific activity : ski mountaineering, canyoning, tree top adventure, ...

| | WAIST | LEG LOOP | WEIGHT | STANDARDS |
|------------|-------------------------------|------------------------------|------------------------|-------------------------|
| BARRANCO | 60-100cm | 45-72cm | 615g | EN12277 type C |
| SNOW GUIDE | T1 : 65-85cm T2 : 80-110cm | T1 : 48-70cm T2 : 70-85cm | T1 : 220g T2 : 230g | EN12277 type C |
| AERO-PARK | 45-115cm (chest) | 26-72cm | 400g | EN12277 type C |
| AIR TOP | 60-110cm | - | 370g | EN12277 type D EN361 |



BARRANCO



SNOW GUIDE
COMPACT



AERO-PARK



AIR TOP

KIDS :

| | WAIST | LEG LOOP | WEIGHT | STANDARDS |
|---------|--------------------------|----------|--------|----------------|
| ROOKIE | 50-70cm | 32-48cm | 260g | EN12277 type C |
| RISE UP | 45-75cm (chest) | - | 125g | EN12277 type D |
| BAMBI | 40-60cm (chest) 54 cm | 35-60cm | 350g | EN12277 type B |



ROOKIE



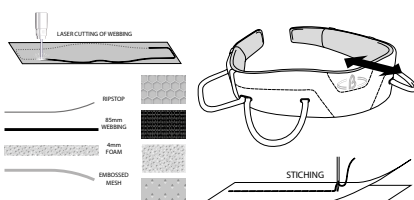
RISE UP



BAMBI

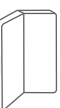
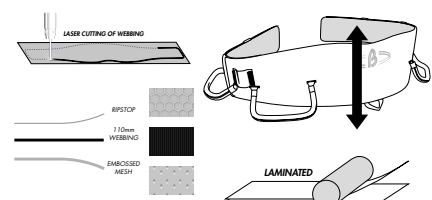
WEB-CORE SOFT

Non-laminated Web-Core technology with foam padding, for ultra comfortable harnesses.



WEB-CORE COMPACT

Laminated Web-Core technology with wider belt, for ultra comfortable and compact harnesses.



HELMETS

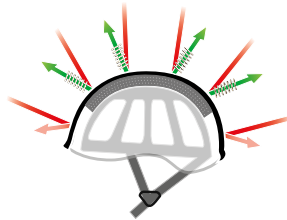
HYBRID HELMETS

Their injection moulded shells are complimented by a moulded polystyrene liner. This hybrid process offers a good compromise. The impact is no longer absorbed by only the shell's deformation. The expanded polystyrene disperses the impact's force by absorbing energy. Nevertheless, lateral protection during a fall is compromised as the sides are not generally lined with polystyrene.

This type of helmet is of particular interest to those who will subject it to intensive use thanks to its robust nature. It is highly suited to clubs, children and rescue organisations.



Hybrid helmets



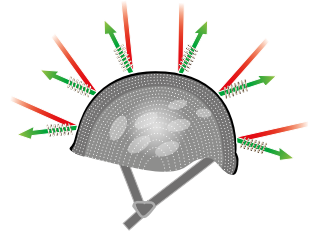
POLYSTYRENE HELMETS

Their structure is made entirely out of moulded polystyrene which is protected by a thin layer of polycarbonate. This manufacturing process yields both a very light and reliable helmet in an impact situation.

The thick layer of moulded polystyrene used throughout the entire structure allows the energy of an impact to be dispersed in all directions. However, the thin polycarbonate shell also renders it more sensitive to small knocks when in use. Ventilation is generally good and the ergonomics of the lining excellent thanks to precise adjustments of the cradle.



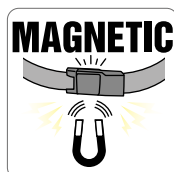
Polystyrene helmets



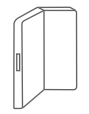
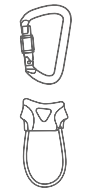
We designed comfortable fitting adjustments, with easy opening and closing of the buckle - even with gloves. With the helmet placed on the head, simply turning the rear adjustment dial easily adjusts the cradle system to your head circumference; ensuring a precise fit and stabilising the helmet's position.

All that remains is to clip the two magnetic parts of the chinstrap buckle together to centralise and secure the helmet to your head.

A clever release mechanism on the chinstrap buckle allows you to unclip even with just one hand.



| | TYPE | STAN- DARDS | SIZING | WEIGHT |
|----------------------|-------------|----------------|----------|--------|
| Mercury | hybrid | EN 12492 | 51-61 cm | 432 g |
| Mercury group | hybrid | EN 12492 | 54-61 cm | 380 g |
| Mercury Kid | hybrid | EN 12492 | 48-58 cm | 355 g |
| Ikaros | hybrid | EN 12492 | 50-62 cm | 360 g |
| Atlantis | polystyrene | EN 12492 | 56-61 cm | 240 g |



KARABINERS

(p.24-25)

NEW



SCREW

SCREWGATE KARABINER

Screw lock, for infrequent use. Simple locking system by screwing up the barrel on the karabiner's gate. The gate is unlocked by unscrewing the barrel.



SPEED SCREW

FAST SCREWGATE KARABINER

Screw lock, for infrequent use. Simple locking system by screwing up the barrel on the karabiner's gate. Ergonomic faceted ring



BI MATIC

3-MATIC KARABINER

Autolocking triple action closure for frequent use. 3-step opening of the karabiner's gate with fast, autolocking closure. Accidental opening of the gate is prevented.



3 MATIC

TWIN GATE LOCKING KARABINER

Twin Gate is a revolutionary concept for locking a karabiner, patented by Grivel/Simond. It is incredibly simple and can be worked using just one hand. Unintentional opening is nearly impossible. In addition, the locking mechanism cannot become jammed.



TWIN GATE



| | DIMENSIONS | OPENING | RESISTANCE MAJOR AXIS | RESISTANCE MINOR AXIS | RESISTANCE GATE OPEN | WEIGHT | STANDARDS |
|-------------------------|------------|---------|-----------------------|-----------------------|----------------------|--------|---------------------|
| Be Quick | 105x60 mm | 19 mm | 23 kN (2300 kg) | 9 kN | 8 kN | 44 g | EN 12275 B/EN 362 B |
| Be One screw | 94x57 mm | 17 mm | 24 kN (2400 kg) | 7 kN | 7 kN | 58 g | EN 12275 B |
| Be Safe Screw | 99x69 mm | 21 mm | 28 kN (2800 kg) | 8 kN | 8 kN | 66 g | EN 12275 H/EN 362 B |
| Orient Express | 118x72 mm | 18,6 mm | 25 kN (2500 kg) | 7 kN | 7 kN | 81 g | EN 12275 BHT |
| Orient Express bi matic | 118x72 mm | 18,6 mm | 25 kN (2500 kg) | 7 kN | 7 kN | 89 g | EN 12275 BHT |
| Be lock Screw | 121x76 mm | 22 mm | 26 kN (2600 kg) | 8 kN | 8 kN | 86 g | EN 12275 H/EN 362 B |
| Be lock 3-matic | 121x76 mm | 22 mm | 26 kN (2600 kg) | 8 kN | 8 kN | 100 g | EN 12275 H/EN 362 B |
| Be Link screw | 108x66 mm | 20 mm | 26 kN (2600 kg) | 8 kN | 7 kN | 65 g | EN 12275 B/EN 362 B |
| Be Link bi matic | 108x66 mm | 20 mm | 26 kN (2600 kg) | 8 kN | 7 kN | 65 g | EN 12275 B/EN 362 B |
| Be Link 3-matic | 108x66 mm | 20 mm | 26 kN (2600 kg) | 8 kN | 7 kN | 65 g | EN 12275 B/EN 362 B |
| Star Gate | 99x58 mm | 19 mm | 24 kN (2400 kg) | 8 kN | 7 kN | 43 g | EN 15575 B |
| Twin Guide | 117x73 mm | 24 mm | 22 kN (2200 kg) | 9 kN | 8 kN | 89 g | EN 12275 H/EN 362 B |
| Twin smith captive | 116x73 mm | 29 mm | 45 kN (4500 kg) | 18 kN | 17 kN | 228 g | EN 12275 B/EN 362 B |

| | NAME | Working load limit | Breaking load (kg) | Weight | Length | Width | Opening |
|---|-----------------------------|--------------------|--------------------|--------|---------|---------|---------|
| 1 | STANDARD GALVA 8 mm | 700 | 3500 | 77 g | 73 mm | 34 mm | 11.4 mm |
| 2 | STANDARD GALVA 10 mm | 1100 | 5500 | 137 g | 88 mm | 41.5 mm | 12 mm |
| 3 | LONG OPENING GALVA 7 mm | 500 | 2500 | 60 g | 78.5 mm | 31 mm | 16 mm |
| 4 | PEAR GALVA 10 mm | 720 | 3600 | 185 g | 118 mm | 65 mm | 20 mm |
| 5 | DELTA GALVA 8 mm | 550 | 2750 | 88 g | 73 mm | 56 mm | 11 mm |
| 6 | DELTA GALVA 10 mm | 990 | 4500 | 153 g | 87 mm | 66 mm | 12 mm |
| 7 | MAILLON SEMI CIRCULAR 10 mm | 990 | 4500 | 153 g | 86 mm | 65 mm | 10 mm |
| 8 | MAILLON DELTA TWIST | 600 | 3000 | 135 g | 93 mm | 62 mm | 12 mm |



T-SHIRTS



BT.S/M/L/XL.col Black (BK) - Blue (B) - Green (G)

STOOL



BSTOOL 48x48x48 cm

SPORT SIGNBOARD



BSIGNS 90x30 cm

SPORT CARPET



BMATS 100x35 cm

SMALL SPORT FLAG



BFLAGS 50x170 cm

BIG SPORT FLAG



BFLAGSL 90x300 cm

UNICORE CARPET



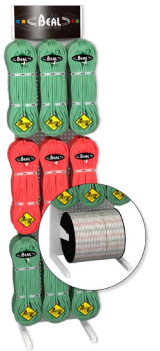
BMATUC 40x40 cm

SPORT HARNESS DISPLAY



BDISHS

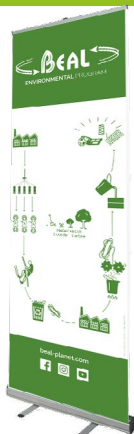
ROPE DISPLAY



BDISR 220x50x41,5 cm

ENVIRONMENTAL PROGRAM

ECO ROLL UP



BZ.ROLLUPEP 600x2145 cm

ECO BOX



BZ.BOX.ECO 600x400x400 cm

ECO STICKER



BZ.STICK.ECO Ø 20 cm



BEAL

2, rue Rabelais - 38200 Vienne - FRANCE
Tel: +33 (0)4 74 78 88 88 - Fax: +33 (0)4 74 85 27 76

commercial@beal-planet.com
www.beal-planet.com

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