



2023

WORKBOOK



ECO RESPO

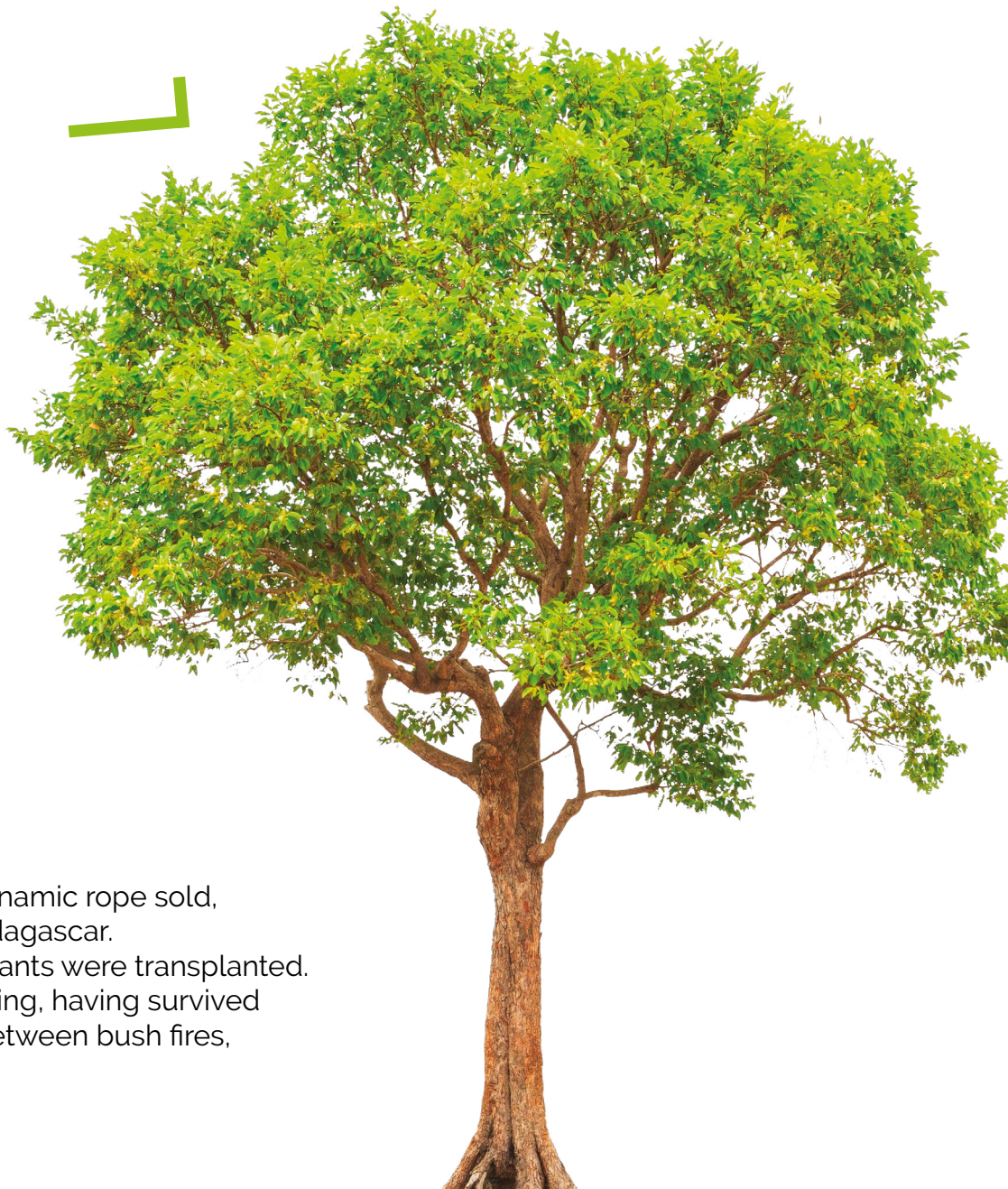
Because nature is an exceptional p
That's why Beal leads 2 iconic actions to acc

- 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.

RESPONSIBILITY

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



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 carabiner. 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 carabiners and belay devices.
- Is more abrasion resistant during normal use.

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

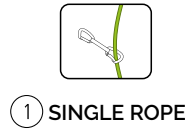


MAGIC PACK PATENTED

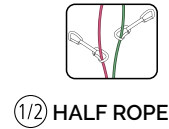
The patented Magic Pack coiling prevent the rope from kinking.



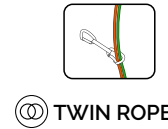
CHOOSE YOUR ROPE



① SINGLE ROPE







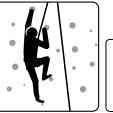
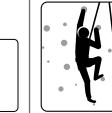
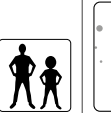



①/2 HALF ROPE












⊙ TWIN ROPE












ACTIVE LINE

	 DISCOVERY CLIMBING	 OCCASIONALLY SPORT CLIMBING	 OCCASIONALLY MAJOR ROUTES	 HIKING	 ADULT	 ADOLESCENT	 CHILD
	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
	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
	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 ⊙





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 carabiners 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	Process & treatments
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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 - 8,20 kN	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 - 8,20 kN	8,4 kN	8 - 9	7	36%	8,5%	0 mm	32	71g	
Standard requirements	EN 892		< 12 kN/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 - 7,40 kN	7,5 kN	12-13	11	37%	9,5%	0 mm	48	67g	
APOLLO II 11 mm	EN 892	①	7,50 - 7,60kN	7,7 kN	17-18	16	35%	9,5%	0 mm	48	77g	
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	
Standard requirements	EN 892		< 8 kN/55 kg sur 1 brin		≥ 5/55 kg	≤ 40%	≤ 12%	≤ 20 mm				

MOUNTAIN LINE

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 carabiners 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	✓	⚠️ ⚠️ ⚠️ ⚠️
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		⚠️ ⚠️ ⚠️ ⚠️
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
SPELENIUM 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	

CAVING & SEMI-STATIC

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						

CANYONING





ACCESSORY CORDS

(p.24)


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.24)

WIDTH	STANDARD	CERTIFICATION	WEIGHT PER METER	BREAKING LOAD	 **	MATERIAL	CONDITIONING
Tubulaire 16 mm	EN 565	CE	31 g	1350 daN (kg)	1800 daN (kg)	Polyamid	100 m
Tubulaire 26 mm	EN 565	CE	38 g	1500 daN (kg)	2000 daN (kg)	Polyamid	100 m
Dyneema 15 mm	EN 565	CE	27 g	1500 daN (kg)	2000 daN (kg)	Polyamid/Dyneema	50 m
Plate 18 mm	EN 565	CE	39 g	1600 daN (kg)	1800 daN (kg)	Polyamid	100 m
Plate 26 mm	EN 565	CE	35 g	1500 daN (kg)	1900 daN (kg)	Polyamid	100 m
Plate 30 mm	EN 565	CE	37 g	1600 daN (kg)	1950 daN (kg)	Polyamid	100 m
Plate 45 mm	EN 565	CE	60 g	2200 daN (kg)	2600 daN (kg)	Polyamid	80 m

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

ROUND SLINGS

(p.25)

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)	60/120 cm	Polyamid	5
Plat 18 mm	EN 566/EN 795 B/EN 354	CE	60 cm - 48 g	2200 daN (kg)	30/40/60/80/100/120/150 cm	Polyamid	5
Plat 26 mm	EN 566	CE	60 cm - 55 g	2200 daN (kg)	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

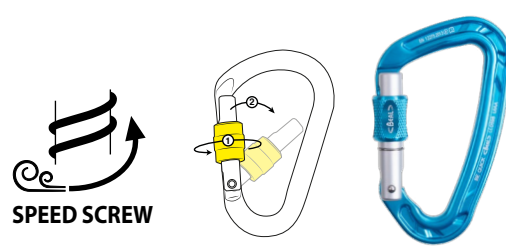
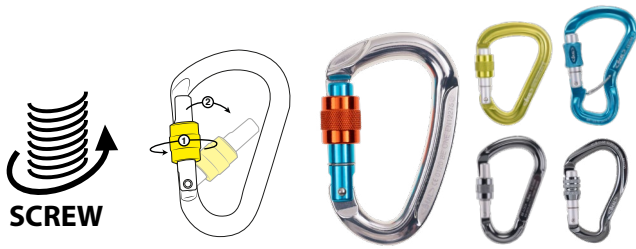
LANYARDS

(p.26-27)

	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)
Espresso	pr EN 17520	CE	75 cm	✓	82 g	15 kN (1500 kg)
Dynalcoop	EN 566/EN 354 UIAA 109	CE / UIAA	60 cm / 120 cm / 150 cm	✓	55 g / 105 g / 135 g	22 kN (2200 kg)
Nexus I	EN 354 / EN 795 B	CE	60 cm / 80 cm		50 g / 60 g	22 kN (2200 kg)
Nexus V	EN 354 / EN 795 B	CE	80 cm - 80 cm		100 g	22 kN (2200 kg)

CARABINERS

(p28-29)

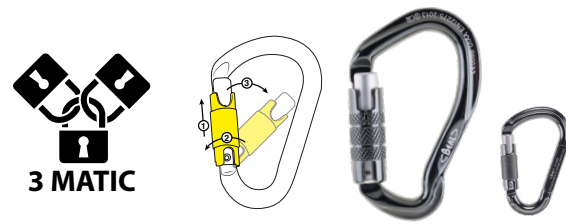
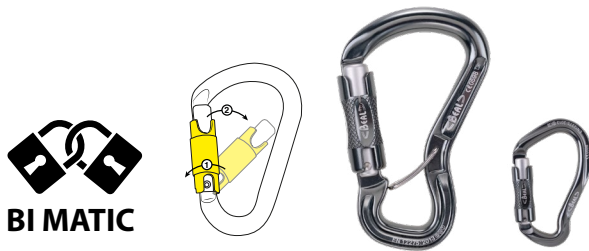


SCREWGATE CARABINER

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

FAST SCREWGATE CARABINER

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



BI MATIC CARABINER

Double action closure for frequent use. Intuitive unlocking by rotating the barrel. Locking by automatic return of the barrel on the carabiner gate.

3 MATIC CARABINER

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

	DIMENSIONS	OPENING	RESISTANCE MAJOR AXIS	RESISTANCE MINOR AXIS	RESISTANCE GATE OPEN	WEIGHT	STANDARDS	
Be Quick Speed screw	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	83,5 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 12275 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



HARNESSES

(p.32-33)

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.

EXPERT LINE :

ELLIPSE XT
COMPACT



GHOST
COMPACT



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

INTENSIVE LINE :

SHADOW
SOFT



VENUS
SOFT



PHANTOM
COMPACT



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

ACTIVE LINE :

AERO-CLASSIC II



AERO-TEAM



NO PAD



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

SPECIALISED LINE : 



BARRANCO



SNOW GUIDE COMPACT



AERO-PARK



AIR TOP



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

KIDS : 

ROOKIE



RISE UP



BAMBI

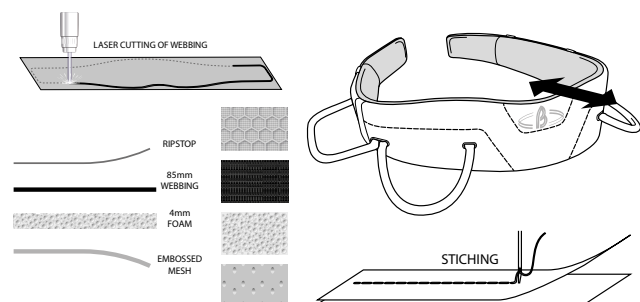


	WAIST	LEG LOOP	WEIGHT	STANDARDS
ROOKIE	50-70cm	32-48cm	260g	EN12277 type C
RISE UP	45-75cm (chest)	-	125g	EN12277 type D
BAMBI	40-60cm (chest) 54 cm	35-60cm	350g	EN12277 type B



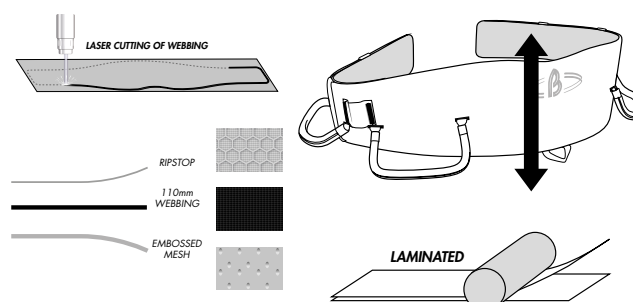
WEB-CORE SOFT

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.





ROPES

① SINGLE ROPE

①/② HALF ROPE

② TWIN ROPE



ACTIVE LINE



9,5 mm ZENITH



Impact force	75 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.B	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	75 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

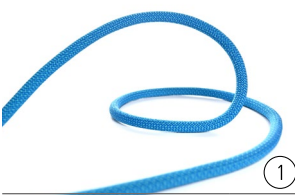


Impact force	76 kN
Number of falls	8
% Sheath	37 %
Weight per metre	63 g
Sharp edge strenght	-

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	78 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



8,3 mm LEGEND



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 :	BC083L.200.Col	200 m
Green (G) - Pink (P)	BC083L.50.Col	50 m
	BC083L.60.Col	60 m
	BC083L.502.GP	2x 50 m
	BC083L.602.GP	2x 60 m



9,8 mm DIABLO UNICORE



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 :	BC098D.50.R	50 m
Red (R)	BC098D.60.R	60 m
	BC098D.70.R	70 m
	BC098D.80.R	80 m



10,2 mm DIABLO UNICORE



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



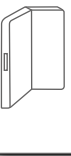
Impact force	4,2 kN	8,5 kN
Number of falls	5	12
% Sheath	40 %	40 %
Weight per metre	36 g	36 g
Sharp edge strenght	-	✓



Twin rope
EN 892

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 :	BC08R.200.Col	200 m
Orange (O) - Blue (B) - Green (G)	BC08R.20.Col	20 m
	BC08R.30.Col	30 m
	BC08R.48.col	48 m





ROPES

① SINGLE ROPE

①/2 HALF ROPE

② TWIN ROPE



9,6 mm WALL CRUISER UNICORE



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



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.

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



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



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

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



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



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.

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



ROPES

① SINGLE ROPE ①/2 HALF ROPE ② TWIN ROPE



8,5 mm OPERA UNICORE - DRY COVER



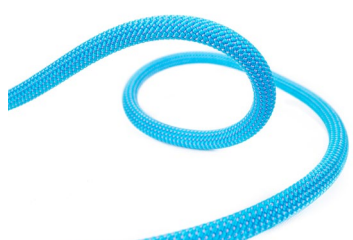
Weighing in at only 48 g per meter, the Opera 8.5 is the first sub 50g rope and is the lightest and thinnest single rope on the market. The rope is made with technology that combines all of Béal's know-how, resulting in low impact forces, UNICORE technology and DRY COVER protection.

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

SAFE CONTROL - Colour :	BCo85O.100SC.G	100 m
Green (G)		

9,1 mm JOKER UNICORE - DRY COVER



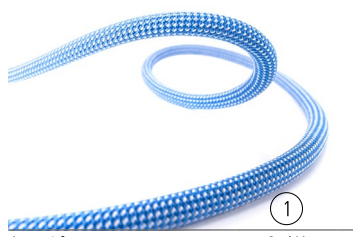
The JOKER, at one and the same time a single, double, and twin rope, is now UNICORE and will delight the most experienced climbers and alpinists seeking lightness, easy running and security, and at the same time the traditionalists looking for a multi-purpose rope for ridge climbs, or other classic, 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 :	BCo91J.200.Col	200 m
Orange (O) - Blue (B)	BCo91J.50.Col	50 m
	BCo91J.60.Col	60 m
	BCo91J.70.Col	70 m
	BCo91J.80.Col	80 m

SAFE CONTROL - Colour :	BCo91J.100SC.O	100 m
Orange (O)		

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 55kg /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.60S.Col	60 m
Blue (B)	BCo91J.70S.Col	70 m
	BCo91J.80S.Col	80 m



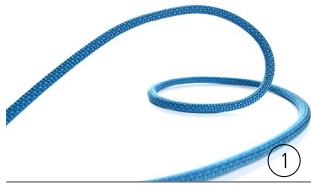
ROPES

① SINGLE ROPE

①/2 HALF ROPE

② TWIN ROPE

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



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.B	200 m
Blue (B)	BC102F.50.B	50 m
	BC102F.60.B	60 m
	BC102F.70.B	70 m
	BC102F.80.B	80 m



ROPES

① SINGLE ROPE

①/2 HALF ROPE

② TWIN ROPE



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

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	7,7 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

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.col	50 m
Fuchsia (F) - Blue (B)	BC081.60.col	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.BO	2X 50 m
	BC086C.602.BO	2X 60 m
BICOLOR - Colour :	BC086C.100.GO	100 m
Green/Orange (GO)		





ROPES

① SINGLE ROPE

①/2 HALF ROPE

⊞ TWIN ROPE



8,5 mm OPERA UNICORE - GOLDEN DRY



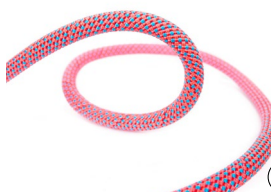
① ①/2 ⊞

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	-	-	-

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.

Colours :	BC085O.200GD.Col	200 m
Green (G) - Blue(B)	BC085O.50GD.Col	50 m
	BC085O.60GD.Col	60 m
	BC085O.70GD.Col	70 m
	BC085O.80GD.Col	80 m

9,1 mm JOKER UNICORE - GOLDEN DRY



① ①/2 ⊞

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	-	-	-

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.

Colours :	BC091J.200GD.Col	200 m
Orange (O) - Blue (B)	BC091J.50GD.Col	50 m
	BC091J.60GD.Col	60 m
	BC091J.70GD.Col	70 m
	BC091J.80GD.Col	80 m

9,4 mm STINGER III UNICORE - GOLDEN DRY



①

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

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

Colours :	BC094S.50GD.F	50 m
Fushcia (F)	BC094S.60GD.F	60 m
	BC094S.70GD.F	70 m

ROPES

① SINGLE ROPE

①/2 HALF ROPE

② TWIN ROPE



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.

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

Colours :	BC097B.50GD.O	50 m
Orange (O)	BC097B.60GD.O	60 m
	BC097B.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 benefiting 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.50GD.O	50 m
Orange (O)	BC100T.60GD.O	60 m
	BC100T.70GD.O	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

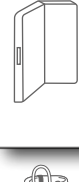
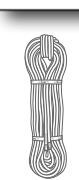
7.3 mm GULLY UNICORE - GOLDEN DRY



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





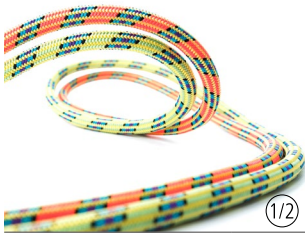
ROPES

① SINGLE ROPE

①/2 HALF ROPE

⊞ TWIN ROPE

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 :	BC081.200GD.Col	200 m
Anis (A) - Orange (O) - Emerald (E)	BC081.50GD.Col	50 m
	BC081.60GD.Col	60 m
	BC081.70GD.Col	70 m
	BC081.502GD.Col	2x 50 m
	BC081.602GD.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 :	BC086C.50GD.Col	50 m
Fuchsia (F) - Blue (B)	BC086C.60GD.Col	60 m
	BC086C.502GD.FB	2x 50 m
	BC086C.602GD.FB	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 :	BC09V.50GD.Col	50 m
Fuschia (F) - Blue (B)	BC09V.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 :	BC08R.200GD.Col	200m
Pink (P) - Yellow (Y)	BC08R.20GD.Col	20m
	BC08R.30GD.Col	30m
	BC08R.48GD.Col	48m



ROPES



CANYONING

9,5 mm AQUALINE



Semi-static rope

Type	EN 1891B
Breaking load	2000 daN (kg)
Number falls	5 (80 kg)
% Sheath	39 %
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

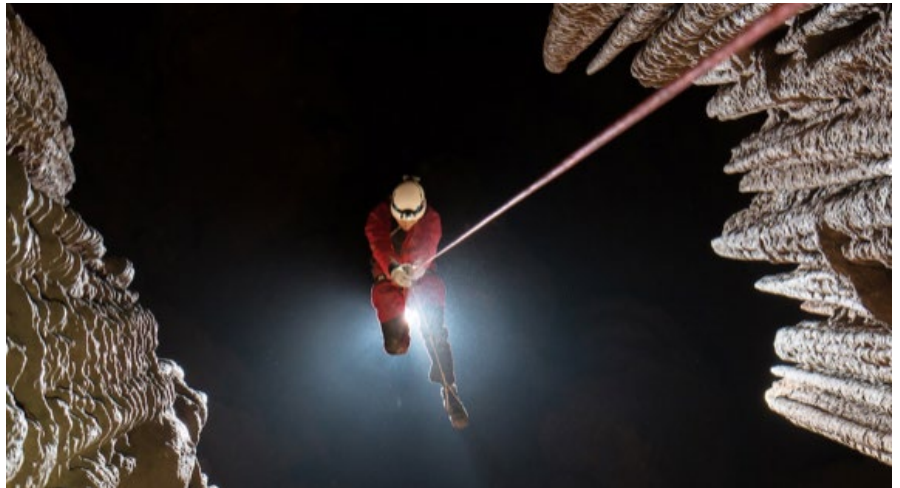
BCSC103.40 40 m



ROPES



CAVING & SEMI-STATIC




8 mm SPELENIUM



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 %

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.

	BCSP08.200	200 m
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
8,5 mm SPELENIUM



Semi-static rope

Type	EN 1891B
Breaking load	2000 daN (kg)
Number falls	7 (80 kg)
% Sheath	42 %
Weight per metre	49 g
Elongation (50/150 kg)	4.8 %

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 UNI-CORE process which permanently bonds the sheath to the core prevents any slippage of one over the other.

	BCSP085.200	200 m
	BCSP085.100	100 m
	BCSP085.50	50 m
	BCSP085.200.O	200 m


9 mm SPELENIUM



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 %

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

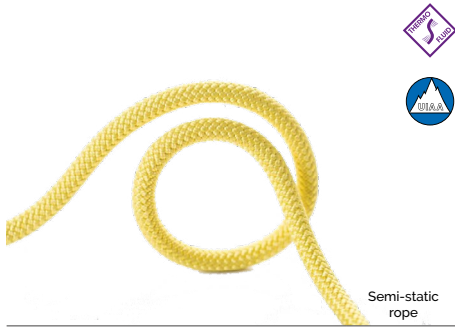
	BCSP09.200	200 m
	BCSP09.100	100 m
	BCSP09.50	50 m

ROPES



9,5 mm SPELENIUM GOLD

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



Semi-static rope

Type	EN 1891B
Breaking load	2000 daN (kg)
Number falls	5 (80 kg)
% Sheath	39 %
Weight per metre	55 g
Elongation (50/150 kg)	2 %



BCSP095.200	200 m
BCSP095.100	100 m
BCSP095.50	50 m

10 mm SPELENIUM

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



Semi-static rope

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 %



BCSP10.200	200 m
BCSP10.100	100 m
BCSP10.50	50 m

10,5 mm SPELENIUM

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



Semi-static rope

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 %



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 - Aramid Blue (B), Black (BK), Violet (V)	BC055K.50.coul	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
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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

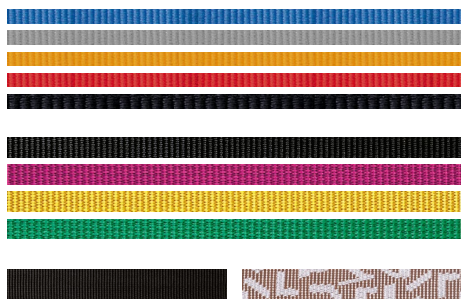
TAPES

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 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

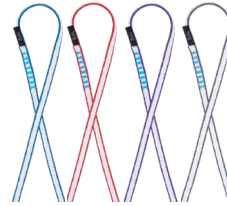
BSA30.100.5	100 cm
BSA30.120.5	120 cm
BSA30.150.5	150 cm
BSA30.175.5	175 cm



Dyneema 6 mm
+ individual instructions (Pack of 5)

The best of sewn slings for mountaineering and long routes

Green x5	BSAD06.60.5	60 cm
Until stock runs out		
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	BSAD10.20.5	20 cm
Purple x5	BSAD10.60.5	60 cm
Red x5	BSAD10.120.5	120 cm
Blue x5	BSAD10.180.5	180 cm
	BSAD10.240.5	240 cm

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

EXPRESS SLINGS

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



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
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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
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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.

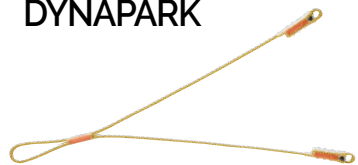


DYNACLIP 40 cm	BLDC.40	Strength 1500 daN (kg)	55 g
DYNACLIP 50 cm	BLDC.50	Strength 1500 daN (kg)	60 g
DYNACLIP 75 cm	BLDC.75	Strength 1500 daN (kg)	75 g
DYNACLIP X cm (mini x50) 30 cm < 200 cm	BLDCx	Strength 1500 daN (kg)	



DYNAMAPARK

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



DYNAMAPARK 2x80 cm DYNAMIC	BLDPARK.80.80	Strength 1500 daN (kg)	125 g
DYNAMAPARK 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
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EXPRESSO

PATENT PENDING

Belay lanyard including a rappel loop. A Dyneema sling sewn on the rope facilitate the set up for the rappel even if the EXPRESSO is not a Y-shape lanyard. The EXPRESSO is connected to the harness with a larksfoot knot. Conform to pr EN 17520 PATENT PENDING



EXPRESSO 40-75cm	BLEX		
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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.

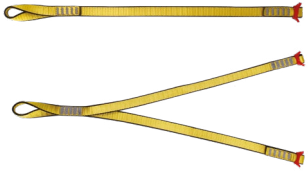


DYNALOOP 60 cm	BLDL.60	Strength: 2200 daN (kg)	55 g
DYNALOOP 120 cm	BLDL.120	Strength: 2200 daN (kg)	105 g
DYNALOOP 150 cm	BLDL.150	Strength: 2200 daN (kg)	135 g

LANYARDS



NEXUS

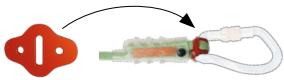


Single or double lanyard with sewn termination for restraint at the workstation of progression on a restraint lifeline. The versatile lanyard allows for temporary anchorages.

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 carabiner 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
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LOCKING CARABINERS

BE QUICK



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

BE ONE SCREW



Compact screwgate carabiner 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
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Colours : Fuchsia (F), Orange (O)

BE SAFE



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

ORIENT EXPRESS



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

BMCLOE.col	Aluminium	83,5 g
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ORIENT EXPRESS BI MATIC



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

BMCLOE2	Aluminium	89 g
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BE LOCK SCREW



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

BMCLBL	Aluminium	86 g
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BE LOCK 3 MATIC



Large HMS belaying carabiner 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
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METAL

BE LINK SCREW



Asymmetrical screwgate carabiner 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
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BE LINK BI MATIC



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

BMCLBLN2	Aluminium	65 g
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BE LINK 3 MATIC



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

BMCLBLN3	Aluminium	65 g
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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	BMPZ10	PEAR GALVA 10 mm	185 g
5	BMDZ08	DELTA GALVA 8 mm	88 g
6	BMDZ10	DELTA GALVA 10 mm	153 g
7	BMSCZ10	MAILLON SEMI CIRCULAR 10 mm	153 g
8	BMDTZ09	DELTA TWIST 9 mm	135 g

CARABINERS

STAR GATE



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

BMCLBLN	65 g
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BE ONE



To protect the rope, BEAL have devised a carabiner 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.

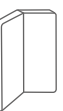
BMCPBO	52.20 g
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BE SMITH CAPTIVE



Steel asymmetric carabiner for intensive use, both in-and outdoors. In situ carabiners 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 carabiner, whilst its steel construction greatly reduces the rate of wear.

BMCPBSC	123 g
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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 carabiner for the 'sport climbing quickdraw'. Two of the carabiner'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 CAPTIVE, 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

HANDS UP

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

BMBHAR	265 g
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HOLD UP

A compact ventral ascender for ascending ropes.

BMBHO	90 g
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AIR STEP

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

BSTEP	75 g
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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
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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
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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
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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
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SAFE TUB

Unique back-up belay device to improve safety during climbing courses.

BMST	210 g
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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
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PULLEYS

TRANSF'AIR 1

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

BMP1	270 g
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TRANSF'AIR 1B

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

BMP1B	280 g
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TRANSF'AIR 2

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

BMP2	475 g
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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
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TRANSF'AIR MINI



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

BMPMINI	120 g
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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
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TRANSF'AIR FIXE B

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

BMPFB	120 g
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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
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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
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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
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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
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HARNESSES



SPECIALISED LINE

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.

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
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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
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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
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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
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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
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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.

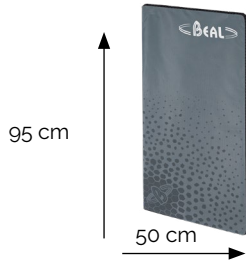
VETO	BH•VETO	25 g
KIT ELASTIQUE AERO TEAM / AERO PARK	BHEA	11 g





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

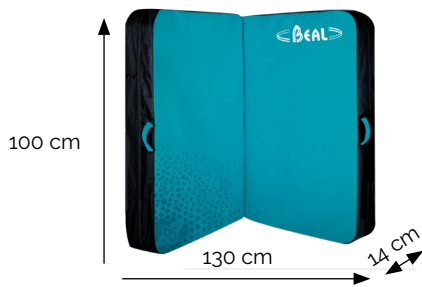
AIR LIGHT



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

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

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.

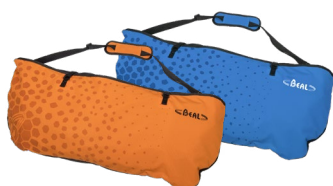
Colour: Red **BERET** 5600 g

ACCESSORIES



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
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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
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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.CFO	capacity : 45 L	835 g
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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	1220 g
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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
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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



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



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

DYNO HOLD

Resin hold for storing accessories at the bottom of climbing walls (brushes, chalk bags, liquid chalk bottles..)



BPGD

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 x2

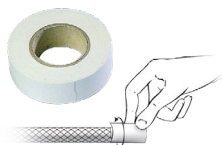


A very lightweight split-ring which allows efficient storage of the rope at each belay. An end to ropes which tangle at the belay, or long buckles that catch on the rock or branches

BRING	RING'O x2
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ROPE TAPE



BRT	ROPE TAPE 10m
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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

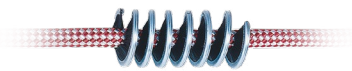


NFC is a new standard in RFID chips, ultra compact and flat, compatible with most new generation Smartphones, or any NFC external reader.

BNFC	NFC CHIPS (x20)
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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
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ROPE CUTTER



BCUT	ROPE CUTTER
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ACCESSORIES

HEADLAMPS, LANTERNS

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)



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)

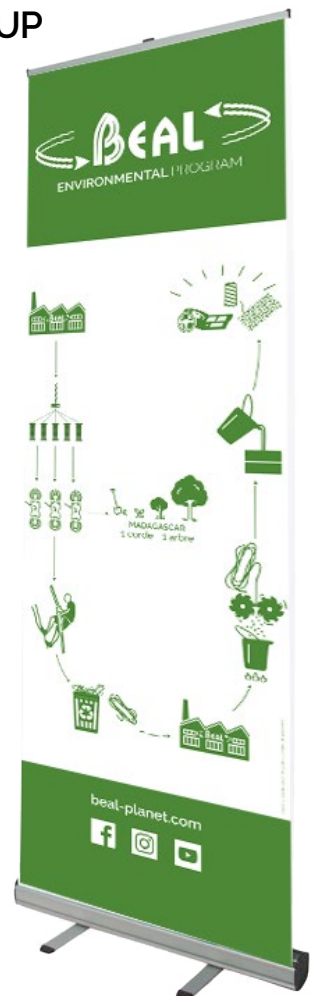
ENVIRONMENTAL PROGRAM

ECO STICKER



BZ.STICK.ECO Ø 20 cm

ECO ROLL UP



ECO BOX



BZ.BOX.ECO 600x400x400 cm

BZ.ROLLUP.EP 600x2145 cm



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