

FIRE

ENGLISH VERSION

Cœurlant

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Cœurlant
VERTICAL LIVING



SHARING EXPERIENCE

Since the start of our company in 1850, innovation, research and creation have guided our projects to the development of products that make doing your job easier.

Our customers have always been at the heart of our approach whether it be professional sailors in 1930, soldiers in 1939, or verticality professionals as of 1970. With a conquering spirit, we have always accompanied them like we still do today, towards the most daring experiences.

Take for example the tyrolean traverse of Millau and its 2700 m single rope.

Our company has remained family-owned. From generation to generation, we pass down our passion for work. Historically, located in Angers (49), our factory manufactures its ropes in France, a guarantee of quality and safety.

Our motto: develop increasingly superior products for one purpose, to offer you the best of security. Today, Courant is taking a new step and is offering you a complete line of personal protective equipment, dedicated to verticality.

NICOLAS COURANT, CEO of Courant, vertical living

// OUR CUSTOMERS ARE AT THE CENTER OF OUR DEVELOPMENT //

YOUR PROFESSION, OUR INSPIRATION

FIRE FIGHTING

Fire fighters have to take risks and need to adapt to extreme situations at any search, rescue and fire fighting intervention. At Courant we develop complete solutions for the most demanding jobs in close cooperation with major French & international fire fighting organizations and specialist search & rescue teams.

THE NEED

The personal safety of each individual team member is of key importance to all fire fighting teams during any job at harsh environments. This requires products & techniques for rapid and effective intervention and the personal rescue of a teammate if something goes wrong. Because we work very close together with fire & rescue teams, trainers and local fire & rescue specialists, based on their needs we have developed some unique products like the Polaris & Autoroll guideline systems. In the last couple of years this development based on user feedback moved on where we created and adapted many new horizontal & vertical safety products.

OUR GOAL

Is to offer innovative & effective solutions to worldwide Fire Fighters and make their job more easy and safe! Do join us at this quest...





OUR FUNDAMENTALS

CREATE

Innovating, surprising, searching and inventing... what has not yet been done. Since 1850, we have created new products, new ranges with always the same experience in safety and reliability.

EXPERIENCE

Trying, testing, discovering, sharing, training... All the stages of the life of a product guide our inspiration, again and again.

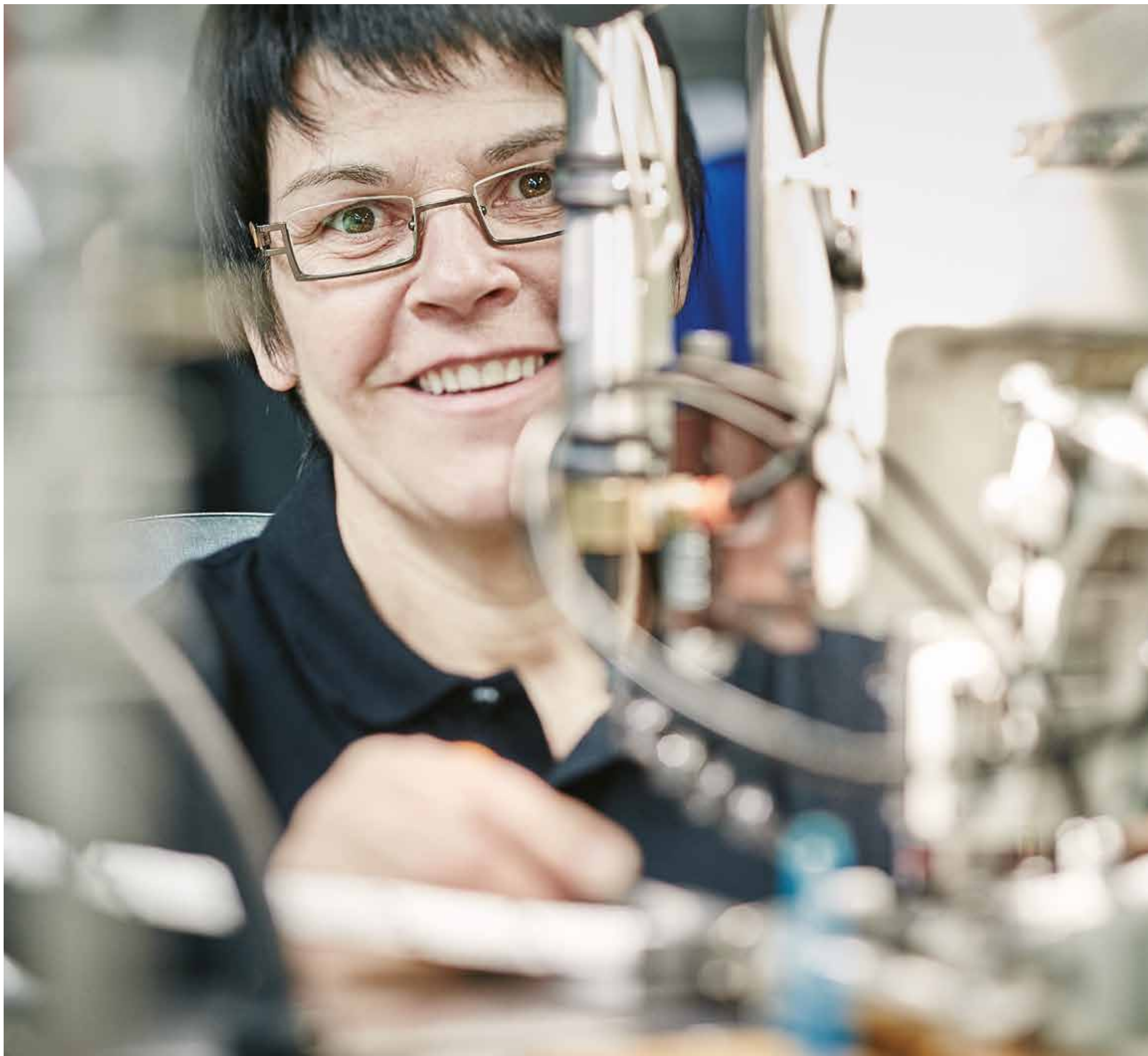
Experience allows us to go further in designing new products. This quest for perfection is, for us, a real passion!

ADVENTURE

Surpassing oneself, transgressing, fighting, surviving... Our products today and tomorrow are and will be often faced with extreme situations.

So many challenges that we strive to take on in the manufacturing stages of our products.

“OUR HISTORY
IS BUILT ON
3 CORNERSTONES”



CERTIFICATIONS

ISO 9001

This management and process standard guarantees you an optimal human organization and for which the fundamental values are at the heart of our organization.

The total commitment of our teams and the beneficial partnerships with our suppliers have enabled us to obtain this label.

LIVING HERITAGE COMPANIES

This label distinguishes handicraft companies and industries of excellence.

It is the hallmark of manufacturers committed to high performance and state-of-the-art technologies made in France. It is an honor for Courant.

CE MARKING

This is our commitment. We certify that all our products are manufactured in compliance with all legal obligations.

Our internal requirements often lead us well beyond these rules.

DO YOU KNOW ?

French manufacturing provides you with a reactive and qualitative customization of your products.

It also offers the possibility of a strong interaction between the end user and the manufacturer.

For Courant, the customer experience is one of the cornerstones of the research and development process.

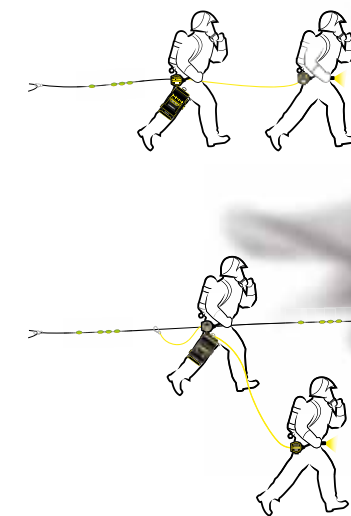
**“ THEY GUIDE
US TO OFFER
YOU
THE BEST ”**

HORIZONTAL SAFETY EQUIPMENT

Guideline systems	P. 12-13
Guideline bags & reels	P. 14-15
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HORIZONTAL SAFETY EQUIPMENT

GUIDELINE SYSTEMS



POLARIS GUIDE LINE



This guide line is highly visible under smoke filled conditions, both day or night. Its reflective counter-mark is high visibility. The user can get a good grip when wearing gloves.

It is highly resistant to abrasion and the personal linking carabiner slides freely.

ADVANTAGES

- The SCBA wearers keep their hands free.
- The protection nodules are easy to spot thanks to their yellow fluorescent colour and their shape, even when wearing gloves.
- High fire resistance : no deterioration at 500°C.
- There are no knots in the bag thanks to the nodules.
- Over-moulded pearl, highly abrasion resistant.
- Very lightweight : 50 m of aramid line weighs only 1.4 kg.
- Personal links slide perfectly along the line thanks to the

nodule design.

- The reflective line is easy to see because it is high-visibility along its entire length.

TECHNICAL SPECIFICATIONS

- Length of 50 metres (possibility of greater lengths up to 800 metres).
- Progression marks : 1 m every 2.5 m.
- Marker diameter : 12 mm.
- Guide line diameter : 6 mm.
- High-visibility reflective counter mark along the full length.
- No deterioration of the braid at 500°C.
- Safety sleeving covered by a protective sheath.
- Lightweight alloy carabiners at each end with a resistance of 600 daN.

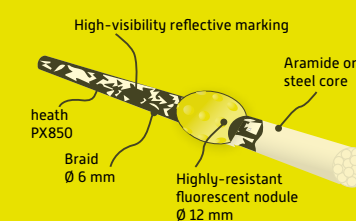
The nodules do not prevent personal lines from sliding. Thus, fire-fighters keep their hands free and are sure not to lose the link to the exit. They can safely work under the best psychological conditions. The accuracy of the intervention is improved.

The leader and team member identify themselves to the controller before intervening.

PACKAGING

- Faster bag.
- Large and small reel.

CONSTRUCTION



Aramid core/without content

- Length 50 m
Reference P6LGAEEO
- Length 60 m
Reference P6LGAEFO
- Length 100 m
Reference P6LGAEJO
- Sans nodules / Longueur 50 m
Reference P8LGAEEO

Aramid core/with Faster bag

- Length 50 m
Reference P6LGASE2
- Length 60 m
Reference P6LGASF2
- Length 100 m
Reference P6LGASJO

Aramid core/On simple reel

- Length 50 m
Reference P6LGATEO
- Length 60 m
Reference P6LGATFO
- Length 100 m
Reference P6LGATJO

Steel core/without content

- Length 50 m
Reference P2LGCEE0

GUIDELINE BAGS

Guide line Bag 100 m



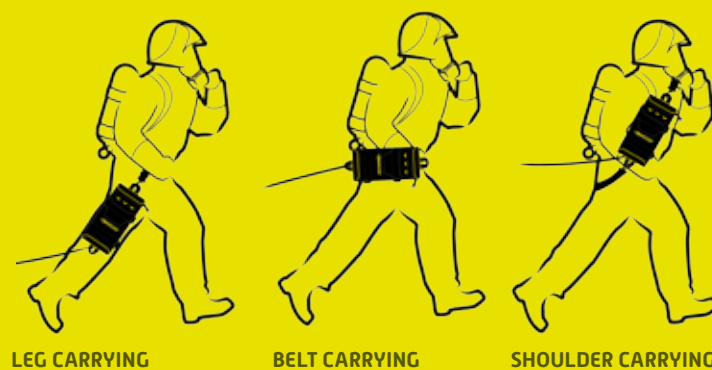
FASTER BAG

The new Faster guide line bag is more compact and puts rope guides within hand's reach. It does not hinder the user's movements thanks to its different carrying modes: Thigh, belt or shoulder strap (optional).

The bag-held guide line keeps hands free during the intervention. The wearer can remove the guide line without opening the bag. Thanks to fire retardant treatment it can withstand temperatures of up to 220°C.

ADVANTAGES

- Compact bag for 50m and 60m guide lines.
- Guide line with carabiner.
- Front and thigh carrying.
- Optional shoulder strap carrying.
- Carrying 1 to 6 rope guides.
- Compartment for passage maps.
- Faster
- Référence PPLGSA04
- Guide line bag 100 m
- Référence PPLGSA01



SIMPLE REEL

TECHNICAL SPECIFICATIONS

- Total height : 25 cm.
- Total length : 23 cm.
- Total depth : 16 cm.
- Reel diameter : 20 cm.
- Weight : 1.3 kg.

CAPACITES

- Guide line : 60 m max.
- Guide line without nodules : 100 m max.

Référence RTR9CN01

COMPACT STAINLESS STEEL REEL

TECHNICAL SPECIFICATIONS

- Total height : 25 cm.
- Total length : 23 cm.
- Total depth : 16 cm.
- Reel diameter : 20 cm.
- Weight : 1.3 kg.

CAPACITES

- Guide line : 60 m max.
- Guide line without nodules : 100 m max.

Référence RTR01000

HIGH LENGTH REEL TECHNICAL

TECHNICAL SPECIFICATIONS

- Total height : 54 cm.
- Total length : 48 cm.
- Total depth : 22 cm.
- Reel diameter : 44 cm.
- Weight : 8 kg.

CAPACITES

- Guide line : 200 m max.
- Guide line without nodules : 300 m max.

Référence RTR9GC01

GUIDELINE ACCESSORIES



AUTOROLL V6 MAX



Autoroll V6 is simple and reliable. It locks at 1.25 metres without a mechanical system. The 6 metres are inside the casing. It is manufactured from recycled rope and has an elastic ring and strap for temporary fixture.

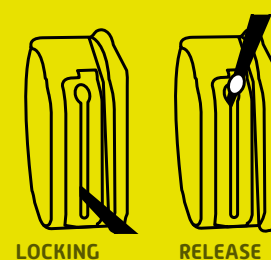
ADVANTAGES

- Simple : It passes from 1.25m to 6m at the simple touch of a finger.
- Reliable : There is no mechanical locking system and the spring is reinforced.
- Fast and easy maintenance. The braid can be changed in just a few minutes without dismantling.
- Unexpected release is impossible.
- It can be attached to the other member of the pair.

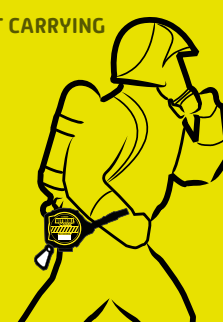
TECHNICAL SPECIFICATIONS

- Replacement kit : Braid + 1 Carabiner + 2 safety sleeves.
- Reinforced polyamid casing.
- The 6 metres are released from the top of the casing.
- Spring built into a waterproof casing.
- Braid diameter 3.5mm with good resistance to heat and shearing.
- Mean breaking strength: 250 daN.
- Fastened to the SCBA harness using a screwed plate.
- 100 mm eye carabiner passed through the guide line carabiner.
- Permanent or temporary fastening system.

- Autoroll V6 Max
Reference PPAUV603
- Replacement braid
Reference PPAUV610



BELT CARRYING



CHECKPOINT SYSTEM

This chart enables grouping of control and supervision labels for engagement time of SCBA wearers, as well as the number of fire-fighters engaged in a hazard zone.

All the items of the kit are grouped together in a single pouch. It is fitted with a second white board for notes and diagrams.

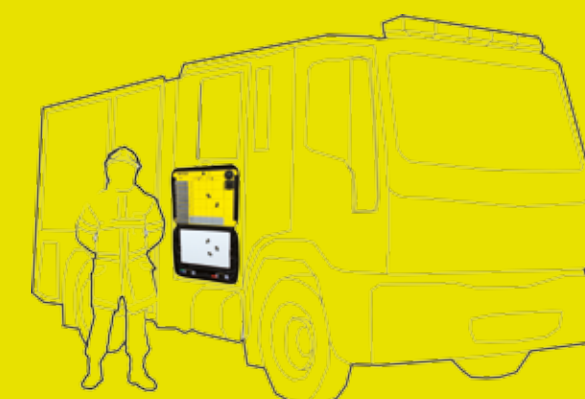
ADVANTAGES

- Pouch attached by a cord or a handle.
- Magnetic pouch for attachment to a magnetic support.
- Magnetic control board.
- Magnetic white board.
- Shoulder carrying mode.
- Digital clock.
- Compartmented carrying pouch.
- Dry wipe felt marker.

TECHNICAL SPECIFICATIONS

- Size : 400 mm x 400 mm.
- 10 labels.
- 6 small magnets.
- 4 felt tip markers.
- 1 digital clock.
- 1 Magnetic protection pouch.
- 1 stowing bag.

- Without timer
Référence PPLGTA01
- With 5 timers
Référence PPLGTA05



GUIDELINE ACCESSORIES

GUIDELINE DEVIATION KEYS

Using the rope guides, the main guide line can be branched to make the exploration of large areas in toxic atmospheres easier. Touch markings on the guides enable the user to identify on which guide line one is and thus return to the exit in total safety.

The life line keys can be delivered with a CETUS 80 or AXXIS carabiner as an option.

Reference PPLGMC03



FLASH CODE BEACON

This light beacon considerably increases the level of safety for persons engaged in the operation as well as those wearing SCBA in a smoke-filled environment. These beacons may also be used for road marking operations.

ADVANTAGES :

- Rechargeable in a 220 V socket or with the cigar lighter using an individual magnetic charger.
- Good visibility.
- Simple to use and easy to maintain.

- Magnetic.
- Watertight.
- Shock resist (resists passage of a car).
- Supplied with a fluorescent cord.

- Green
Reference RLAWFCGR
- Red
Reference RLAWFCRD
- Orange
Reference RLAWFCOR
- Yellow
Reference RLAWFCYE
- Blue
Reference RLAWFCBL
- White
Reference RLAWFCWH



FLASH CODE CASE

Case used for the storage of up to 6 flash code beacons.

ADVANTAGES :

- The beacons may be recharged from a 220 V socket or from a cigar lighter directly in the case.

- 6 yellow
Reference RLAWFCV7
- 6 red
Reference RLAWFCV3
- 6 blue
Reference RLAWFCV4
- 6 white
Reference RLAWFCV5
- 6 orange
Reference RLAWFCV6
- 6 green
Reference RLAWFCV1
- 4 green + 2 red
Reference RLAWFCV2



IMMOBILITY DETECTOR MOTION SCOUT

The new generation of automatic distress signal unit. It detects when movement ceases and triggers an automatic alarm.

A two-colour LED indicates when the appliance is ready to use, the green shows it is operating correctly and the red indicates that the battery is running low. Motion Scout is simple and intuitive to use.

- Diktron DSX MK II
Reference PPLGFF04
- Motion Scout
Reference PPLGFF07

WIRE CUTTER

It adapts to the shape of the hand. 2-position system for large and small hands. Closed position locking system. Twin-material sheathing.

TECHNICAL SPECIFICATIONS

- Length : 140 mm.
- Weight : 210 g.

Reference PPLGPCC1



WEDGE-IT

This door wedge is without doubt the best the market has to offer. It is made of Lexano, a high-resistance plastic material used, amongst other things, in bullet-proof glass. It may be placed: - at the top of the door (designed with 4 adjustment settings

to adapt to all types of doors).
- on the door hinges.
- on the ground.
Its bright colour renders it highly visible even in a smoke-filled room.

Reference PPSOCAWE



GUIDELINE SLING

This device enables fitting of a guide line with changes of horizontal plane. It enables the use of pillars, wheel hubs... and thus avoid that the guide line runs along the ground. Used double or in girth hitch.

Reference PPLGAT6A



PERSONAL SAFETY & RESCUE



RHINOEVAC MULTI-USE STRAP

This strap is used to evacuate victims or fire fighters in distress, transport of equipment, lashing of fire-fighting equipment and many other applications... It is packed in such a way that it requires minimum space and is immediately operational and is comfortable to use when wearing gloves. This product is not a PPE.

Lashing standard EN 12 195-2 03/2001.

TECHNICAL SPECIFICATIONS

- LC : 250 daN.
- Stitching resistance : 500 daN (not to be used for lifting operations).
- Supplied with a large model carabiner.

Reference PPSOSREA



FLASH CODE BEACON

These light beacons considerably increases the level of safety for persons engaged in the operation in a smoke-filled environment.

FLASH CODE CASE

Case used for the storage of up to 6 flash code beacons.



RHINO BAG

This bag is used for the transport of evacuation hoods as well as Rhinovac straps and wire cutters. Optionally, it may also be used for the transport of a flash code beacon and oiled-chalk crayon for reconnaissance in smoke-filled environments.

The Rhinobag is designed to meet the requirements in victim, rescue worker and self-rescue situations.

Reference PPSOSCRK



C-DROP / S-DROP

The C-DROP / S-DROP self-evacuation belt is used to evacuate from a building in an emergency. It is worn as a belt and may quickly be transformed into a harness. The strap is also designed for extraction of a victim on the ground.

ADVANTAGES

- Strap size adjustable to the user.
- Belt with anchorage buckle.
- Auto buckle.
- Ultra lightweight.
- Rapid fitting.
- Multi-function.

- C-Drop
Reference PPMTCDROP
- S-Drop
Reference PPMTSDROP



WIRE CUTTER

It adapts to the shape of the hand. 2-position system for large and small hands. Closed position locking system. Twin-material sheathing

TECHNICAL SPECIFICATIONS

- Length : 140 mm.
- Weight : 210 g

Reference PPLGPCC1

WATER RESCUE & CONTROL ROPES



JET LINE

High-quality aquatic rescue line. The 32 strands of the braiding as well as the core have been specifically developed for wild water activities. It is extremely resistant and remains flexible over time.

Lengths : 20 m, 30m, 50m, 100m.

- Diameter : 8 mm
- Weight : 900 Kg
- Reference PPJL80+0
- Diameter 8 mm / with stitched loops
- Weight : 600 Kg
- Reference PPJC80+0
- Diameter : 10 mm
- Weight : 1200 Kg
- Reference PPJLA0+0
- Diameter : 10 mm / with stitched loops
- Weight : 900 Kg
- Reference PPJCA0+0

Ø 8 mm

Ø 10 mm

BEACH LINE

Aquatic rescue line adapted to coastal rescue operations, ideal for beaches when recovering victims at sea. Highly resistant, it has the advantage of floating. It offers a very low resistance to currents.

- Material : Dyneema / Polypropylene.
- Diameter : 4 mm.
- MBS : 200 kg.
- Packaging : Electric-type plastic reel.

Reference PPAQBLT4

Length 300 mètres

TWISTED CONTROL ROPE

This rope offers an excellent abrasion and UV resistance.

Reference PPCCCMCA

- Diameter : 8 mm.
- Length : 25 m.
- MBS : 1,330 daN.
- Weight : 1,200 gr.

BRAIDED CONTROL ROPE

The double-braided control rope is equipped with a safety eye carabiner type Phoenix et each end.

- Material : Polyamide.
- Diameter : 7 mm.
- MBS : 1,000 daN.
- Length 30 m
- Reference PPLSCC30
- Length 40 m
- Reference PPLSCC40
- Length 60 m
- Reference PPLSCC60

SWEET BRAIDED CONTROL ROPE

This synthetic braided rope offers a very good hand hold, even when wet, and is pleasant to touch.

- Material : Polyamide.
- Diameter : 8 mm.
- Length : 25 m.
- MBS : 800 daN.
- Weight : 1,050 gr.

Reference PPCCCMSW

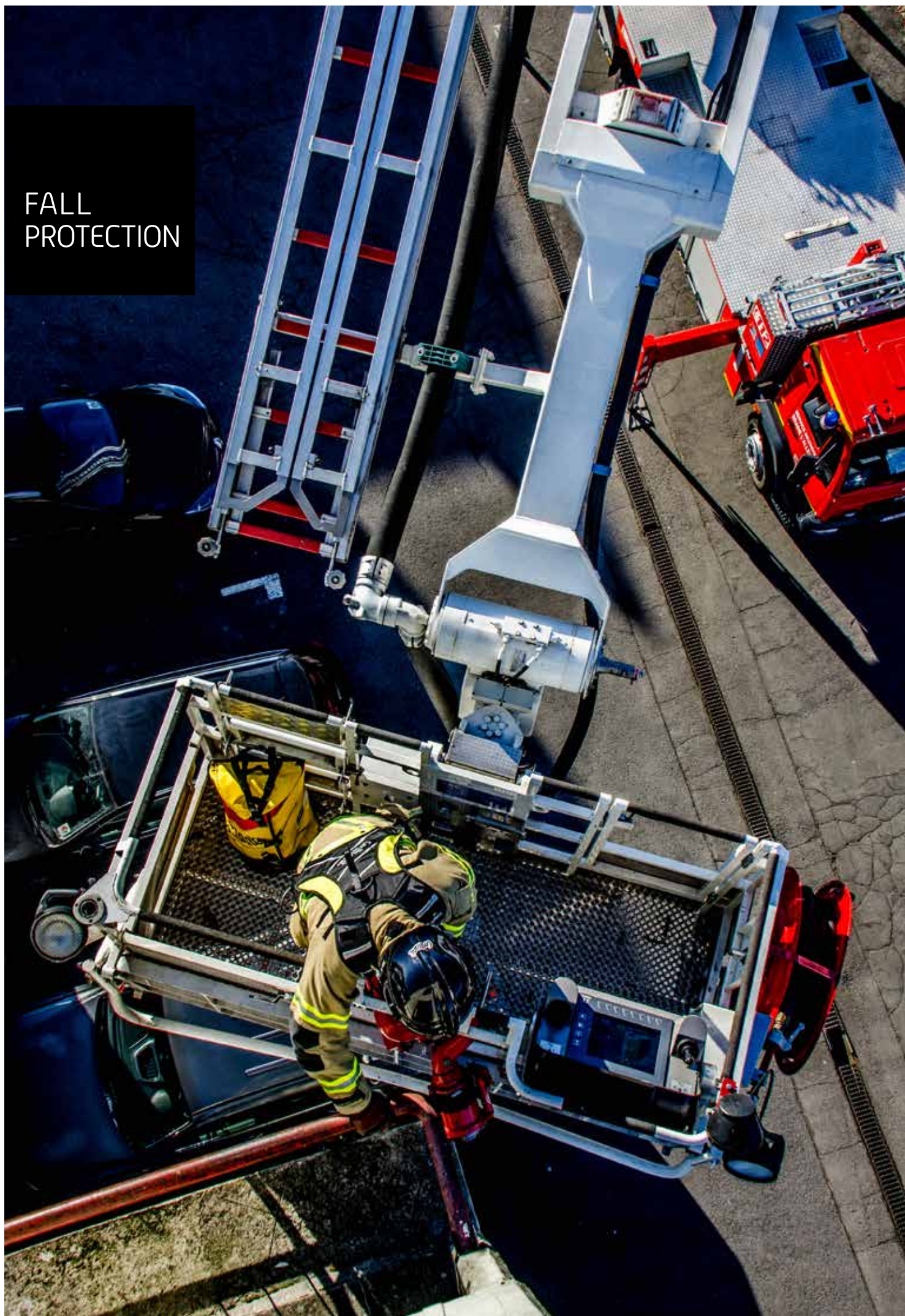


VERTICAL SAFETY EQUIPMENT

Fall protection	P. 26-29
Semi static ropes	P. 30-31
Dynamic ropes, cords & slings	P. 32-33
Hardware	P. 34-35

VERTICAL SAFETY EQUIPMENT

FALL PROTECTION



SQUAD

This harness is size adjustable.
The automatic buckles (sternum and legs) render harness fitting easier.

- Lemon
Reference PPMHR01
- Black
Reference PPMHR01N

CE EN 361 - CE EN 1497 Certifications

ADVANTAGES

- Dorsal extension.
- MNL: 140 kg.
- Quick fitting.



SQUAD KIT

This kit has been developed in cooperation with several fire-fighting departments. It is used to secure the user on a ladder, on a platform or in perilous situations such as passing through windows. Its ergonomic design does not hinder the user during the intervention with or without SCBA.

CONTENT

- 1 Squad bag.
- 1 Squad harness.
- 1 Rapid link n°8.
- 1 Energy absorber.
- 1 case for the absorber.
- 1 Equa R lanyard blue - Lth 0.90m - 1 Tango carr. blue - 1 lugged loop.
- 1 Equa S lanyard red - Lth 1.50m - 1 Tango carr. red - 1 lugged loop.
- 2 HMS Vector carabiners.

The self-blocking and adjustment buckles enable fast fitting and the thigh straps ensure maximum comfort for the user. Also available in black

ADVANTAGES

- Reduced training time.
- Complete and regular protection of the rescue worker.
- Fast fitting and use.



BELTS & LANYARDS

M-DROP / S-DROP

The M-DROP self-evacuation strap is used to evacuate from a building in an emergency. It is worn on the belt and quickly converts to a harness by removing the straps from their pocket. This comfortable belt may be used as a work support and contention belt.

ADVANTAGES

- Strap size adjustable to the user.
- Belt with anchorage buckle.
- Automatic buckle.
- Pocket for the storage of straps.
- Ultra lightweight.
- Rapid fitting.
- Multi-function.

Référence PPMTMDROP

CE EN 358 and EN 12277 in association with the S-DROP.

C-DROP / S-DROP

The C-DROP / S-DROP self-evacuation belt is used to evacuate from a building in an emergency. It is worn as a belt and may quickly be transformed into a harness. The strap is also designed for extraction of a victim on the ground.

ADVANTAGES

- Strap size adjustable to the user.
- Belt with anchorage buckle.
- Automatic buckle.
- Ultra lightweight.
- Rapid fitting.
- Multi-function.

- C-Drop
Reference PPMTCDROP
- S-Drop
Reference PPMTSDROP

KELIOS

This intervention belt has been developed for fire-fighting services. This holding belt is equipped with 3 anchorage points, 2 lateral and 1 central. It provides a hold and prevents minor falls. It may be quickly fitted thanks to its automatic buckle. It is foreseen with an all-round reflective strip.

ADVANTAGES

- Excellent compromise between comfort and weight.
- Very good freedom of movement.
- Two lateral anchorage points, with a self-locking, rapid-hitch ventral buckle fastening.

- Size 1 : Min 790 / max 980 mm
Reference PPMTCE10
- Size 2 : Min 880 / max 1100 mm
Reference PPMTCE20
- Size 3 : Min 970 / max 1220 mm
Reference PPMTCE30
- Size 4 : Min 1220 / max 1410 mm
Reference PPMTCE40



EQUA R

The M'FIX ends of the lanyard are a guarantee of total safety. Available from 60 cm to 2m, you can also select the carabiner you would like to have fitted on it.

Adjustable lanyard

CE EN 358 Certification

- Length 1.00 m - 2 Tango carabiners, blue
Reference PPMTLG10
- Length 0.80 m - 1 Tango carabiner, blue - 1 lugged loop
Reference LRTB08B0
- Length 0.90 m - 1 Tango carabiner, blue - 1 lugged loop.
Reference LRTB09B0
- Length 1.50 m - 1 Tango carabiner, blue - 1 lugged loop.
Reference LRTB15B0

EQUA S / EQUA F

The M'FIX ends of the lanyard are a guarantee of total safety. Available from 60 cm to 2m, you can also select the carabiner you would like to have fitted on it.

CE EN 354 Certification

EQUA S

- Without connector
- Length 0.60 m - 2 lugged loops
Reference LSTR06BB
- Length 1.00 m - 2 lugged loops
Reference LSTR10BB
- Length 1.50 m - 2 lugged loops
Reference LSTR15BB
- Length 2.00 m - 2 lugged loops
Reference LSTR20BB

With connector(s)

- Length 0.60 m - 1 Orion Géant - 1 lugged loop
Reference LSTR06BG
- Length 1.00 m - 1 Orion Géant - 1 lugged loop
Reference LSTR10BG
- Length 0.60 m - 1 Tango carabiner, red - 1 lugged loop
Reference LSTR08B0
- Length 1.50 m - 1 Tango carabiner, red - 1 lugged loop
Reference LSTR15B0

Certifications CE EN 354 - CE EN 358

EQUA F

- Length 1.00 m - 2 Tango carabiners
Reference PPMTLF10

SEMI-STATIC
ROPES

ULTIMA



BANDIT



WILD



TRUCK

ULTIMA

The semi-static rope Ultima has the latest innovations. Veritable fusion between the core and the sheath, they stay together in case of break or tear, it always stays attached.

In order to preserve true flexibility over time, no glue is used. Meetic Technology was developed without UV treatment.

X-braid Technology and Meetic Technology

CE EN 1891 Certification

ADVANTAGES

- Extreme safety thanks to the fusion core / sheath.
- Increases the static effect.
- Reduces the force of impact in case of a fall.
- Great flexibility.

SPECIFICATIONS

• Type: A / Ø	10.5 mm	11 mm
• MBS	31 KN	3300 daN
• Metric weight	69 gram	72 gram
• Sheath percentage	43%	40%
• Elongation	3%	3%

PACKAGING

40 m / 60 m / 200 m

Reference MM600UE+

Reference ML600UF+

BANDIT

Bandit brings together all the know-how of our development team in close cooperation with cavers, GRIMP rescuers, technicians and access professionals.

Bandit was designed for a wide range of use. The treatment and quality of the used threads gives it great flexibility and knottability over time.

CE EN 1891 Certification

ADVANTAGES

- Spring effect almost non-existent in descent or in winching.

SPECIFICATIONS

• Type: A / Ø	10.5 mm	11 mm
• MBS	32 KN	3500 daN
• Metric weight	68 gram	73 gram
• Sheath percentage	37%	34%
• Elongation	2.3%	2.5%

PACKAGING

40 m / 60 m / 200 m

Reference MM400BD+

Reference ML400BE+

WILD

This rope has been developed for professionals working under destructive conditions (painting, sand-blasting...). This rope offers an excellent quality/price ratio for all working situations.

CE EN 1891 Certification

ADVANTAGES

- Good quality/price ratio

DIAMETER

- Type : A / Ø 11 mm

PACKAGING

100m / 200m / 800m

Reference MLV00WFC+

TRUCK

This A-type static rope is ideal for occasional use.

This rope gives good value for money and provides good resistance to abrasion thanks to its sheath thickness of 47%.

CE EN 1891 Certification

ADVANTAGES

- Great value.
- Resistance to abrasion.

DIAMETER

- Type : A / Ø 10.5 mm

PACKAGING

40 m / 60 m / 200 m

Reference MM600GA+

DYNAMIC ROPES, CORDS & SLINGS



SPLINTER

Dynamic rope especially developed for rescue intervention and rescue kit. Splinter was designed for a wide range of use. The treatment and quality of the used threads gives it great flexibility and knot-stability over time.

CE EN 892 Certification
Certification with and without stitching

PACKAGING
100m / 200m
• Ø 10.5 mm
Reference RDML00L+
• Ø 11 mm
Reference NL400DNC+

SPECIFICATIONS

• Diameter	10.5 mm	11 mm
• Type	A	A
• MBS	2500 daN	3100 daN
• Metric weight	69 gr	74 gr
• Sheath percentage	%	58%
• Elongation	5%	7,2%



AUXILIARY ROPES

ACCESSORY CORDS

A complete range of flexible and highly abrasion-resistant accessory ropes.

Ø 4mm - 100m / Résistance 420 daN
Reference MC1CAB00100
Ø 5mm - 100m / Resistance 700 daN
Reference ME1CBB00100
Ø 6mm - 100m / Resistance 910 daN
Reference MG1CCB00100
Ø 7mm - 100m / Resistance 1210 daN
Reference MG1CCB00010
Ø 8mm - 100m / Resistance 1770 daN
Reference MT1CDB00010

EN 564 Compliance

Ø 2mm - 100m / Resistance 100 daN
Reference MB1CHB00100
Ø 3mm - 100m / Resistance 190 daN
Reference MA1CGB00100

LEATHER ROPE PROTECTOR

Robust and economical, this rope protector is foreseen with a cord loop to fasten it to the rope with a Prussik knot.

Reference PPLSPC13

ELLIPSE WEB SLINGS

Made of a strap which is thicker, very high resistance, anti-UV treated and anti-abrasion. This ring enables creation of a very reliable fastening point.

CE EN 795 B, EN 566 Certifications

Resistance 22 kN

• 60 cm / Orange.
Reference PPLSAC06
• 80 cm / Blue.
Reference PPLSAC08
• 120 cm / Yellow.
Reference PPLSAC12
• 150 cm / Red.
Reference PPLSAC15
• 200 cm / Black.
Reference PPLSAC20

ELLIPSE ROPE SLINGS

A rope ring used for creation of anchoring points extremely resistant to abrasion with its aramid / PES sheath. A rope ring is easier to use (twisting impossible) and more reliable than a strap ring (the resistance is guaranteed by the rope core).

CE EN 795 B, EN 566 Certification

Resistance 22 kN

• 40 cm / Green.
Reference PPLSAR04
• 60 cm / Orange.
Reference PPLSAR06
• 80 cm / Blue.
Reference PPLSAR08
• 120 cm / Yellow.
Reference PPLSAR12
• 150 cm / Red.
Reference PPLSAR15
• 200 cm / Black.
Reference PPLSAR20



HARDWARE

OLIK 2.0

We present you the fully new version of our easy openable connector which allows workers to use and attach a large number of fall arrest equipment items to create a safe work and/or rescue system. The closing is ensured by the already proven keylock system of the former model where the locking is now done by only 2 screws.

- ADVANTAGES**
- no force is extended onto the screws for maximum user safety
 - thinner diameter but bigger in size which makes it maximum versatile
- CE EN 362 Certification / Patented**
- Ø exterior : 75 mm
 - Ø interior : 47 mm
 - Ø material : 14 mm
 - opening : 30 mm
 - Weight : 81 gram
 - MBS : 25 kN
- Reference RMQCA0V2

VECTOR

HMS Carabiner with a large opening.

CE EN 362 Certification

- Triplelock / Keylock.
- MBS : 2,200 daN.
- L : 113 mm / W : 74 mm.
- Opening : 23 mm.
- Weight : 97gr.

Reference RMQK786C

MOKA

Attaching carabiner it enables linking of two anchorage points on a harness. Its shape has been specially designed to allow the rope to position itself naturally in the correct axis.

- CE EN 362 Certification**
- Triplelock / Keylock.
 - MBS : 2,000 daN.
 - L : 113.5 mm / W : 75 mm.
 - Opening : 18 mm.
 - Weight : 130 gr.

Reference RMQCMOKA

CORE

Triple lock steel carabiner with offset opening for wider opening. Keylock.

CE EN 362 Certification

- Triplelock / Keylock.
- MBS : 6,000 daN.
- L : 128 mm / W : 71 mm.
- Opening : 31 mm.
- Weight : 321 gr.

Reference RMQU2198

VICTO

Triplelock / Keylock D-shape steel carabiner. High resistance. Ideal for multiple anchoring, dismantling operations.

CE EN 362 Certification

- Triplelock / Keylock.
- MBS : 5,000 daN.
- L : 110 mm / W : 67 mm.
- Opening : 21 mm.
- Weight : 234 gr.

Reference RMQUS958



AXXIS

Zicral oval screw carabiner. With its new, innovative design, the Axxis has a wide opening of 21 mm and a closed indicator.

CE EN 362 Certification

- Keylock.
- MBS : 2,400 daN.
- L : 110 mm / W : 62 mm.
- Opening : 21 mm.
- Weight : 75 gr.

Reference PPLSMQSY

AXXIS TL

Zicral oval carabiner. With its new innovative design, the Axxis TL offers a wide opening of 21 mm.

CE EN 362 Certification

- Triplelock / Keylock.
- MBS : 2,400 daN.
- L : 110 mm / W : 62 mm.
- Opening : 21 mm.
- Weight : 82 gr.

Reference RMQUAXTL

OVE

Simple and economical oval steel carabiner.

CE EN 362 Certification

- MBS : 2,500 daN.
- L : 107 mm / W : 57 mm.
- Opening : 18 mm.
- Weight : 165 gr.

Reference RMQUSTOV

TANGO

Keylock trigger carabiner. Opening system with palm pressure.

- Blue
Reference RMQU223B
- Red
Reference RMQU223R

CE EN 362 Certification

- Keylock.
- MBS : 3,300 daN.
- L : 136 mm / W : 70 mm.
- Opening : 26 mm.
- Weight : 123 gr.

TWISTER

Aluminium connector.

CE EN 362 Certification

- Triplelock / Keylock.
- MBS : 3,000 daN.
- L : 115 mm / W : 75 mm.
- Opening : 21 mm.
- Weight : 86 gr.

Reference RMQ92278



BAGS & WORKWEAR

Bags

Workwear

Services

Mycourant

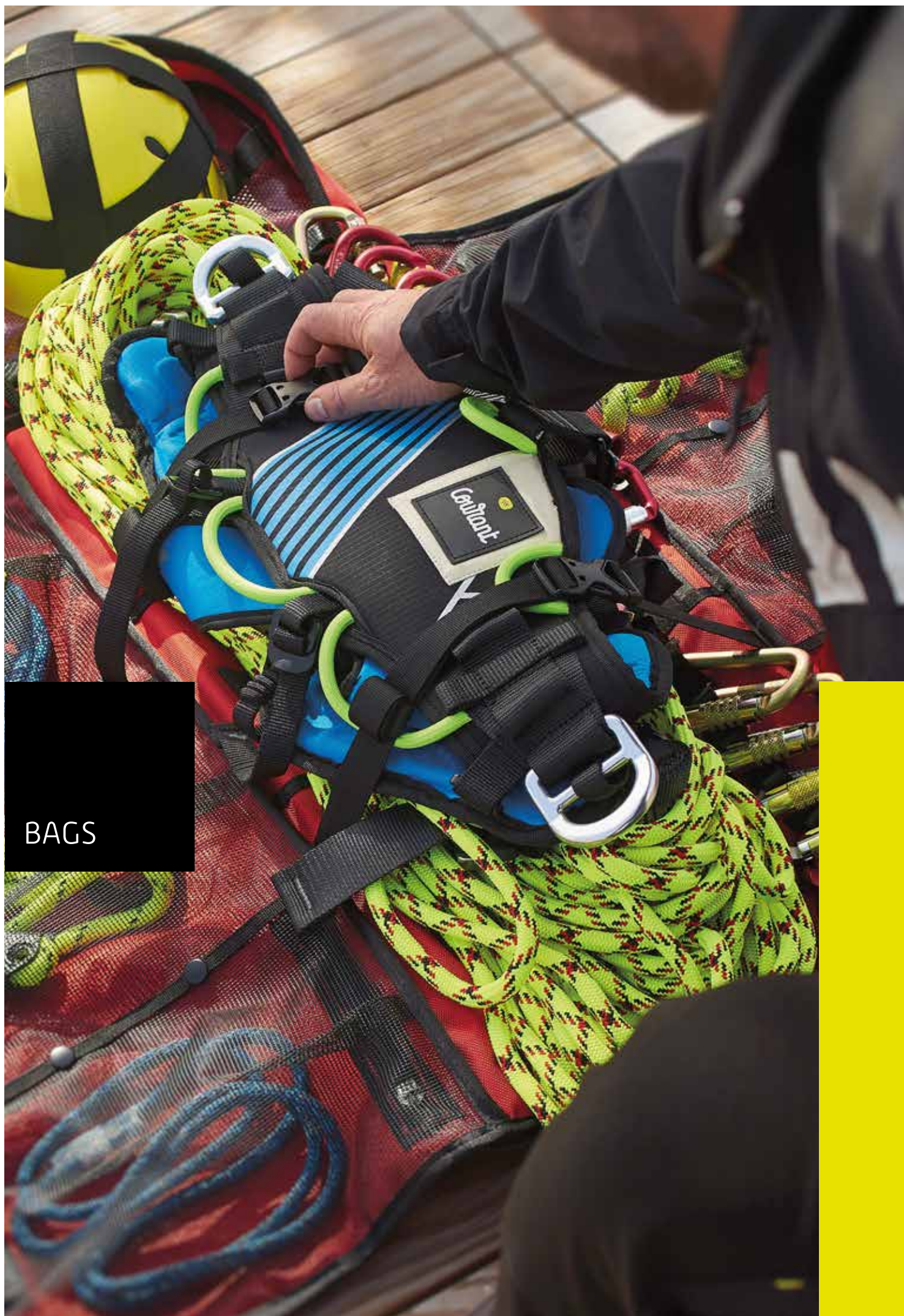
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BAGS & WORKWEAR



BAGS



CROSS PRO XL

After huge international demand we have developed a new bag based on the revolutionary Cross Pro design but in larger size! It transforms into a material station and gives you an overall view on all your equipment in just a matter of seconds.

This version has an a packing size of 75 liter which gives users enough space to store the most extensive equipment kits and also comes with some new and very functional pockets & compartments. Last but not least its made in a high visible color for easy recognition around the work place.

TECHNICAL DESCRIPTION

- Pack size : 75 L
- High-resistance fabric 1680 D

INTERIOR

- 6 modular mesh compartments at the sides
- Identification of pockets by logotype labels
- 1 pocket accessible from the exterior without opening the bag
- 1 pocket to protect fragile items like glasses
- 20 attachment points for karabiners
- 2 transverse straps for holding the rope or the climbing harness
- 1 storage space made of crossed elastic bands
- 2 semi-transparent pockets for documents

EXTERIOR

- 2 folding pockets with elastic straps for a bottle or other items
- 6 attachment points for karabiners
- 4 high-resistance retainers (including two on the straps)
- very durable YKK zippers
- 1 transparent pocket for identification
- 1 fastening kit for the helmet
- Comfortable and adjustable back and straps

PORTABILITY

- Comfortable and adjustable back and straps
- Two side handles (200 kg guaranteed)
- Two central handles (200 kg guaranteed)
- One back handle (200 kg guaranteed)

- 1 Helicopter hoisting and winching strap (300 kg guaranteed)
- 2 handles (up and down) to carry it for 2 persons

ADVANTAGES

- Saves time
- Maximum equipment protection
- Less loss of precious materials
- Comfortable and very durable
- Bags from the Cross range (Cross Rope & Host) can be attached on the straps for ventral portability

color : Red

Reference PSCPRDB

CROSS PRO (OPEN) IN DETAIL



CROSS PRO

The Cross Pro bag is the first backpack that transforms into a material station. It gives you an overall view on all your equipment in just a matter of seconds.

The Cross Pro can contain all the safety material you'll need. On a demanding job, you can easily access all the inner pockets and attach all your carabiners and accessories so they are well organized.

TECHNICAL DESCRIPTION

- Pack size : 56 L.
- High-resistance fabric 1680 D.

INTERIOR

- 6 modular mesh compartments on the sides.
- Identification of pockets by logotype labels.
- 1 pocket accessible from the exterior without opening the bag.
- 20 attachment points for carabiners.
- 2 transverse straps for holding the rope or the climbing harness.
- 1 storage space made of crossed elastic bands.
- 2 semi-transparent pockets for documents.

EXTERIOR

- 6 attachment points for carabiners.
- 4 high-resistance retainers (including two on the straps).
- YKK zip closure.
- 1 transparent pocket for identification.
- 1 fastening kit for the helmet.
- Comfortable and adjustable back and straps.

PORTABILITY

- Comfortable and adjustable back and straps.
- Two side handles (200 kg guaranteed).
- Two central handles (200 kg guaranteed).
- One back handle (200 kg guaranteed).
- 1 helihoisting and winching strap (300 kg guaranteed).

ADVANTAGES

- Saves time.
- Equipment protection.
- Less loss of material.
- Comfortable and solid.
- Bags from the Cross range can be attached on the straps for ventral portability.

COLORS:

- Flash Lemon
Reference PSCPBYA
- Rescue Red
Reference PSCPBD
- Blue Horizon
Reference PSCPBLA
- Tactical Black
Reference PSCPFA



DOCK

Sturdy carrying bag with comfortable portability. Its opening system allows you a quick access to the contents of the bag. Its upper part folds up to adapt to the volume used.

It is equipped with several gear holders on the outside and a clever bottle-holder and saw-holder system.

TECHNICAL DESCRIPTION

- high-resistance fabric 1680 D
- YKK zip closure.
- 2 saw / bottle holders.
- 2 gear holders.
- 60 L.
- weight: 1600 gram

Reference PSAMBYA

HOST

Bag designed for the carrying and storage of ropes. It can store 60 m of semi-static rope and 45m of 12 mm climbing rope. The ropes can even be stored when wet thanks to its large vents.

It is equipped with stiffeners to hold the bag in shape even when empty on the straps of the Cross Pro bag.

TECHNICAL DESCRIPTION

- high-resistance fabric 1680 D.
- 4 gear holders.
- Folding pleat on the outside.
- 36 L.
- Weight : 840 gr.

Reference PSECBYA



CROSS ROPE

The Cross Rope bag is a new concept in bags. Its size adapts to the volume of the packed rope.

You can wear it on your back (classic and comfortable portability) or on the front by attaching it to the straps of the Cross Pro bag.

TECHNICAL DESCRIPTION

- high-resistance fabric 1680 D hermetic.
- YKK zip closure.
- 6 attachment points for carabiners.
- Zip and pleat to go from 23 L to 36 L.
- 2 nets to facilitate the drying of the rope.

- 1 rope passage in the flap.
- 1 rope-end fastening strap at the bottom of the bag.
- 23 L to 36 L.

ADVANTAGES

- Ability to vary the volume in a few seconds.
- The rope dries quickly.
- Ability to balance loads by attaching it to the Cross Pro.
- Opening possible on the bottom and on top.
- 7-point gear holder.
- Multi portability.
- Weight : 930 gr.

Reference Flash Lemon PCSRBYA
Reference Full Black PSCRFBA
Reference Red PSCRRYA

CROSS ROPE LIGHT

This lightweight rope bag may carry 80 metres of 10.5 mm rope. It may be attached inside the Cross Pro or Cross Evo bags. Its mesh panel over half the surface provides better ventilation and enable quick drying of ropes.

ADVANTAGES

- Side carrying handle.
- Opening of the bag at both ends.
- Mesh ventilated for half its surface.
- Pack size : 17L.

Reference PPLSSCLCE

CARGO

Carrying bag suitable for transporting gear, highly resistant to friction and tear.

Its straps are adjustable and it is equipped with a gear holder with six attachment points. The bottom is reinforced and equipped with air vents.

The flap has two transparent pockets with velcro closure, one on the outside and one on the inside.

TECHNICAL DESCRIPTION

- Ergonomic carrying handle.
- 6-point gear holder.
- Flap with two transparent pockets (above and below).

PACKAGING

- 40L / 50L.

Ref yellow 40 L : PPLSSC42
Ref blue 50 L : PSCCAB5A
Ref red 50 L : PSCCAR5A





BAGS



AIRTEX

CROSS EVO

The Cross Evo bag is a compact backpack that transforms into a material station. Offers a complete overview of equipment in a glance.

The Cross Evo bag is supplied with the Cross Rope Light bag (pack size : 17L).

TECHNICAL DESCRIPTION

- Pack size : 45L.

PORTABILITY

- Comfortable and solid portability.
- Carrying shoulder straps or side handle carrying.

ADVANTAGES

- Saves time.
- Equipment protection.
- Less loss of material.
- Rope ready for use at both ends.
- Resistance of the winching ring : 210 kg.

AIRTEX

Storage bag for all types of ropes. Its vented fabric allows the ropes to dry and improves ventilation during storage.

ADVANTAGES

- Vented bag to allow the ropes to dry.
- High-resistance, PVC-coated polyester fabric.
- Strap ring at the bottom of the bag to attach the control rope.
- Transport shoulder strap.
- Eyelet at the side of the bag to pass a rope of up to 12mm.

- Control bag / 7 Litres
Reference PPCCACSC

- Control bag / 17 Litres
Reference PPCCACSR



WORKWEAR

Thanks to our know-how in the textile industry, we have developed a range of technical clothing products that meet the requirements of our demanding end users.

You will find clothing products suitable for your activity, weather conditions as well as your environment.

With a smart design, we have combined the latest technologies used in technical garments :

- Hydrotech 3.0 waterproof & breathable membrane for protection from the rain.
- Polartec fabric for protection from the cold.
- Ripstop fabric.
- YKK zipper.
- Silicone protection ...

MAGMA FLEECE JACKET

Thanks to the technology of the highly insulating and lightweight Polartec fabric, the Magma jacket will protect you from the cold. It is also breathable and evacuates moisture.

Its cut is designed for a large freedom of movement. Its pockets remain accessible even when wearing a climbing harness.

ADVANTAGES

- Pockets accessible even when wearing a climbing harness.
- 2 side pockets and 1 Napoleon pocket for a cell phone.
- Reinforcements on the shoulders and elbows.

Reference RHB9FJ++

DESERT T-SHIRT

The Desert T-shirt features elastic stretch fabric in order to ensure maximum freedom of movement.

The ventilation zones evacuate moisture and keeps you dry. This lightweight fabric is comfortable to wear and is tear-resistant.

ADVANTAGES

- Lightweight and breathable.

Reference RHB9TD++



STORM 2.0 JACKET

Designed exclusively for professional users, the Storm jacket features the 3.0 Hydrotech technology to protect you from heavy rain and wind. Hydrotech 3.0 comes from the latest waterproof & breathable textile technologies.

Its light Ripstop fabric is tear-resistant and the cut is perfectly adapted for wearing a climbing harness while guaranteeing great freedom of movement.

ADVANTAGES

- Silicone protection on the elbows and shoulders.
- Hood compatible with wearing a helmet.
- Pockets accessible even when wearing a climbing harness.
- 2 side pockets, 1 back pocket, 1 Napoleon pocket for a mobile phone.
- Vented panels for ventilation under the arms.
- Micro-fleece neck protector.
- Watertight zips and seams.
- Reflective patches.

Reference RHB9LJ++

CYCLONE SOFTSHELL JACKET

The Cyclone jacket will protect you from the wind, cold and drizzle. Thanks to its 3 "Softtech 3.0" waterproof-breathable layers and its inner fleece layer, it evacuates moisture and offers a good thermal protection. The impermeability of the zippers offers better protection against water.

ADVANTAGES

- Inner fleece layer for good thermal protection.
- Silicone protection on the elbows and shoulders.
- 2 side pockets, 1 back pocket, 1 Napoleon pocket for a mobile phone.
- Hood compatible with wearing a helmet.
- Side pockets accessible even when wearing a climbing harness.
- Vented panels for ventilation under the arms.
- Elastic sleeves.
- Reflective patches.

Reference RHB9SJ++

TORNADO PANTS

The Tornado pants are equipped with the 3.0 Hydrotech technology. This will protect you from heavy rain and wind and perfectly adapt to your movements. It is breathable and evacuates moisture so that you always remain dry. Practical, thanks to the opening over the entire length of the leg and the accessible pockets, even when wearing a climbing harness.

The light protection fabric Ripstop and the silicone protection render it highly resistant.

ADVANTAGES

- Silicone protection linings on the knees and on the inside of the ankles.
- Reinforced fabric on the buttocks.
- Pockets accessible even when wearing a climbing harness.
- 2 side pockets, 1 upper pocket, 1 pocket monkey.
- Opens over the entire length of the leg.
- Adjustable elastic straps.
- Watertight zips and seams.
- Reflective patches.

Reference RHB9LP++

SOLAR 2.0 PANTS

Solar pants are made of stretch Ripstop fabric. It is light, elastic, breathable and resistant. These pants offer you total freedom of movement. Numerous reinforcements have been added to ensure better resistance at the point most exposed to wear.

ADVANTAGES

- Reinforcements on the buttocks, knees and inside ankles.
- 2 side pockets, 2 cargo pockets, 1 back pocket.
- Bottom of leg zips.
- Belt with buckle.
- Reflective patches.

Reference RHB9PA++



With the lemon experience, Get trained by experts!

Our training centre offers numerous enriching professional experiences.

The skills of our training staff range from verification of PPE in relation with tree pruning right up to the implementation of rescue techniques under extreme conditions.

Get trained by experts!

Our training centre, located in the heart of our manufacturing plant in Angers, you will live a unique experience:

- Discover the manufacturing process, test laboratories...
- You will be accompanied by our profession training staff to help you understand the manufacturing process and use of PPE.

Two modules:

- Training in the verification of PPE.
- Discovery of the PPE manufacturing process.

Management of PPE

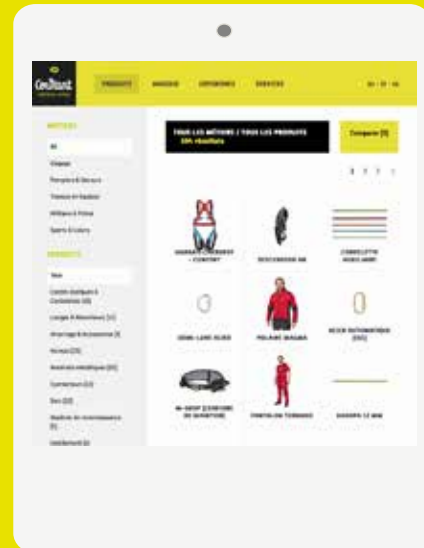
Planet EPI is a complete and autonomous internet application for the monitoring of your PPE and sensitive equipment and will assist you with your management tasks: scheduling of verifications, recycling, stock administration, attribution ...

PPE Test

Let us take care of your annual inspections. Our electronic rope testers are equipped with tri-optical sensors which don't miss the slightest defect.

Our carabiners are also subjected to a set of tests in order to validate the internal structure of your equipment.

The Courant inspection guarantees increased safety when using your PPE.



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 - Find a sales outlet close to you with a simple click!
- Enable us to guide you by activating the geo-localisation function on your Smart phone.

