

Marlow® Fire & Rescue

Marlow's tried and tested Fire Brigade lines are complemented with our range of CE certified harnesses, access & rescue lines and hardware intended for Emergency & Rescue Services worldwide.



Pro Safety Harnesses

RIGPRO X FULL BODY / WORK POSITIONING HARNESS

The RigPro is a riggers' five-point fall arrest safety harness and has been designed for comprehensive comfort protection and safety and is ideal for rigging, abseil and specialist work. Designed to support the body and distribute the forces in suspended work and to prevent serious injury and keep the wearer in a safe position for rescue, in fall arrest.

The RigPro has been designed to help lower the compression forces around the user's back, hips and legs and using built up layers of thermoformed breathable foams and a clever combination of fabrics reduces the pinching of webbing against the skin. RigPro's extra padding protects the wearers hips from fittings which tend to become uncomfortable after long work periods.

RigPro X adds attachment points for chest ascender.

Principal features:

- Rear 'D' attachment point
- Front sternum attachment
- Lower ventral for abseil
- Two side work positioning 'D's, Belt loops
- Easy to don via click lock buckle entry
- Easy fit, with side and shoulder adjustment cam buckles
- Ultra lightweight Carbon steel fittings, black powder coated
- Contrast colour stitch for easy inspection
- Water repellent and UV resistant polyester webbing
- Padded leg loops and shoulder yoke
- 150kg rated

Standards:

EN 361 EN 358 EN 813 AS/NZS 1891



LITEPRO FALL ARREST HARNESS

The LitePro is a two-point fall arrest safety harness, with rear 'D' and front chest attachment points. Front 'D' is centrally located ensuring loads are spread evenly. Four points of adjustment ensuring a better fit. A simple and versatile harness that ensures there is a separate connection for rescue.

Principal features:

- Front rear 'D' attachment points
- Lightweight
- Trapezoidal Buckles
- Carbon steel fittings black powder coated
- Stainless or composite fitting options
- Contrast colour stitch for easy inspection
- Water repellent and UV resistant polyester webbing
- Shock absorbing rear dorsal

Standards:

EN 361 AS/NZS 1891



LITEPRO FAST RAPID DON FALL ARREST

The LitePro FAST is a two-point fall arrest safety harness with the same safety and comfort features as the standard litePro model. However, the addition of a shoulder yoke, padded leg loops and click lock buckles allow for easy and quick fitment.

Principal features:

- Front and Rear 'D' attachment point
- Rapid don click lock buckles
- Ergonomic slimline body pad keeps harness form
- Padded leg loops to reduce post fall trauma
- Rapid donning 5 seconds, Lightweight
- Carbon steel and alloy fittings black powder coated
- Stainless fittings option
- Two colour body to leg webbing
- Contrast colour stitch for easy inspection
- Water repellent and UV resistant polyester webbing
- Shock absorbing rear dorsal via velcro tabs

Standards:

EN 361 AS/NZS 1891



Fire and Rescue Lines

Marlow has a long experience in the field of Fire Brigade lines supplying Fire and Rescue services across the UK with a range of ropes conforming to both British and European standards.

BA GUIDE LINE

Length: 60m
 Construction: 8 Plait Matt Polyester
 Diameter: 6mm
 Weight (g/m): 25
 Min Break Load (kN):5.4

Construction: 16 Plait KT3 (Aramid Core High Visibility Cover)
 Diameter: 5.5mm
 Weight (g/m): 21
 Min Break Load (kN):7.5

Snap hook spliced one end, soft eye other end each sewn and whipped. Marked at 2.5m intervals with twin marking tails 150mm apart. Two tallies marked A & B also supplied.

Home Office Technical Bulletin 1/89



LOWERING LINES

Length: 36m, 40m
 Diameter: 16mm

Construction: 3 Strand Polyester
 Weight (g/m): 194
 Min Break Load (kN):46.7

Construction: 24 Plait Matt PES
 Weight (g/m): 145
 Min Break Load (kN):39.7

Available in either 3 Strand Polyester or 24 Plait Matt Polyester. Spliced eye on standing leg marked with a turks head, additional 1.6m leg with running eye splice 1.4m from end of standing leg.

Specification: BS3367:1999



RESCUE LINES

Length: 30, 40, 67, 70m
 Diameter: 16mm

Construction: 3 Strand Polyester
 Weight (g/m): 194
 Min Break Load (kN):46.7

Construction: 24 Plait Matt PES
 Weight (g/m): 145
 Min Break Load (kN):39.7

Available in either 3 Strand Polyester or 24 Plait Matt Polyester with whipped end and Nylon spliced other end.

Specification: BS3367:1999



GUY LINES

Length: 40m
 Diameter: 6mm
 Construction: 8 Plait Matt Polyester
 Weight (g/m): 25
 Min Break Load (kN):5.4

Whipped one end, stainless steel thimble seized other end.

Specification: BS3367:1999



TAIL LINE

Length: 6m
 Diameter: 12mm

Construction: 3 Strand Polyester
 Weight (g/m): 109
 Min Break Load (kN):31.4

Nylon Thimble spliced one end, whipped other end.



BELT LINES

Length: 3.6m
 Diameter: 6mm

Construction: 8 Plait Matt Polyester
 Weight (g/m): 29
 Min Break Load (kN):8.7

Construction: 3 Strand Polyester
 Pre-Stretched
 Weight (g/m): 31
 Min Break Load (kN):16.6

Available in either 3 Strand Polyester Pre-Stretched or 8 Plait Matt Polyester. Whipped one end, 100mm seized eye other end.

Specification: BS3367:1999



BA PERSONAL LINE

Length: 6m
 Diameter: 4mm
 Construction: 8 Plait Polyester Pre-Stretched
 Weight (g/m): 13
 Min Break Load (kN):4.2

FSC hook clamped one end, small hook clamped other. D-ring seized on rope 1.2m from FSC hook end.

Home Office Technical Bulletin 1/89



FLAX SAFETY LINE

Length: 20m, 30m, 40m
 Diameter: 11mm
 Weight (g/m): 50
 Min Break Load (kN) 5.9
 Material: Flax Covered Galvanised Steel Wire

Stainless thimble clamped one end with snap hook, whipped other end.



Products Manufactured in the United Kingdom



PPE Ropes

High quality CE certified Static, Dynamic and Abseil ropes for climbing, access and work positioning.

STATIC ROPE (LSK)



10.5 mm



12 mm



11 mm



9 mm



Solid Black



Solid Red



Solid Blue



Solid Yellow



Solid Green



Hi-Visibility Orange

Construction Twisted Polyamide (Nylon) core / 16 plait Polyamide (Nylon) cover
 Lengths 50m, 60m, 100m, 200m, 600m
 Colours White with Black or Red flecks
 9mm (Cross Fleck), 10.5mm (Double Fleck), 11mm (Triple Fleck), 12mm (Four Fleck)
 Applications 11mm & 12mm available in solid colours also
 Absailing, Work positioning, Industrial rope access
 Benefits AquaCoat water repellent coating on request
 Flexibility & Suppleness, Abrasion resistance
 Outstanding dynamic properties, Visible Year of Manufacture Marker

Diameter (mm)	9	10.5	11	12
Rope Classification (Type)	B	A	A	A
Mass (g/m)	53.0	67.2	73.8	90.3
50-150kg Elongation (%)	3.3	2.0	2.4	1.9
Fall Factor 1 falls (fig 8 loop)	6	10+	10+	10+
Peak Force Fig 8 loop (kN)	4.6	5.6	5.8	5.5
Av. Static Strength Fig 8 loop (kN)	13.7	19.5	21.1	24.3
CE Standard	EN1891	EN1891	EN1891	EN1891

NEW

REFLECTIVE STATIC



Construction Twisted Polyamide (Nylon) core / 16 plait Polyamide (Nylon) cover
 Lengths 50m, 60m, 100m, 200m
 Colours White with Black including Reflective Marker Tape.
 Applications Absailing, Work positioning, Industrial rope access
 Benefits High Visibility at night or in dark working conditions
 Flexibility & Suppleness, Abrasion resistance
 Outstanding dynamic properties, Visible Year of Manufacture Marker

Diameter (mm)	9	10.5	11	12
Rope Classification (Type)	B	A	A	A
Mass (g/m)	53.0	67.2	73.8	90.3
50-150kg Elongation (%)	3.3	2.0	2.4	1.9
Fall Factor 1 falls (fig 8 loop)	6	10+	10+	10+
Peak Force Fig 8 loop (kN)	4.6	5.6	5.8	5.5
Av. Static Strength Fig 8 loop (kN)	13.7	19.5	21.1	24.3
CE Standard	EN1891	EN1891	EN1891	EN1891

AERIS STATIC



Construction Twisted Polyamide (Nylon) core / 24 plait Polyamide (Nylon) cover
 Lengths 200m
 Colours Blue/Yellow or Red/Yellow
 Applications Absailing, Work positioning, Industrial rope access
 Benefits Flexibility & Suppleness
 Outstanding dynamic properties
 Improved abrasion resistance

Diameter (mm)	11
Rope Classification (Type)	A
Mass (g/m)	75.9
50-150kg Elongation (%)	3.1
Fall Factor 1 falls (fig 8 loop)	10+
Peak Force Fig 8 loop (kN)	5.7
Av. Static Strength Fig 8 loop (kN)	20.4
CE Standard	EN1891

NEW

DIABLO STATIC



Construction Twisted Polyamide (Nylon) core / 24 Plait Blended Polyamide/Technora Cover
 Lengths 100m & 200m
 Colours Hi Visibility Orange and Black
 Applications Absailing, Extreme Rapid descent, Escape systems, Fire rescue
 Benefits Excellent handling, High abrasion resistance,
 Excellent heat resistance (500°C)

Diameter (mm)	11
Rope Classification (Type)	A
Mass (g/m)	82.5
50-150kg Elongation (%)	3.4
Fall Factor 1 falls (fig 8 loop)	6
Peak Force Fig 8 loop (kN)	5.6
Av. Static Strength Fig 8 loop (kN)	18.3
CE Standard	EN1891

Ropes Manufactured in the United Kingdom



Abseil & PPE Ropes

High quality Static, Dynamic and Abseil ropes for climbing, access and work positioning.

ABSEIL



Construction Twisted Polyester Core / 16 Plait Polyester Cover
 Lengths 50m, 61m, 100m, 200m & 220m
 Colours Black, White and High Visibility Black and Lime
 Applications Abseiling, Rapid descent

Benefits Excellent handling, High abrasion resistance
 Contrasting colour core.
 Nato Codified

Diameter (mm)	9	11
Material	Polyester	Polyester
Average Break Load (kN)	18.6	30.8
Mass (g/m)	67	95.4
CE Standard	N/A	MR 10-81

ARAMID ABSEIL



Construction Twisted Polyester Core / 16 Plait Aramid Cover
 Lengths 100m, 200m & 220m
 Colours Black (Technora®), Yellow (Twaron®)
 Applications Abseiling, Extreme Rapid descent, Escape systems, Fire rescue

Benefits Excellent handling, High abrasion resistance
 Heat resistant cover(500°C)

Diameter (mm)	11	11
Material	Twaron	Technora
Average Break Load (kN)	39.1	43.1
Mass (g/m)	94.1	94.1

DYNAMIC (CLIMBING) ROPE



Construction Twisted Polyamide (Nylon) core / Plaited Polyamide (Nylon) cover
 Lengths 50m, 100m & 200m (also available as Cows Tails)
 Colours Red (10.5mm), Blue (11mm) , Solid Black (10.5mm & 11mm)
 Applications Safety lines, Climbing, Fall arrest systems

Benefits Flexibility & Suppleness, Abrasion resistance

Diameter (mm)	10.5	11
Mass (g/m)	68	78
10-80kg Elongation (%)	9.9	7.7
Held Factor 1.78 falls	7	12
Impact Force	8.9	8.8
CE Standard	EN892	EN892

ACCESSORY CORD



Construction Twisted Polyamide (Nylon) core / 16 plait Polyamide (Nylon) cover
 Lengths 100m, 200m
 Colours Various

Diameter (mm)	4	5	6	8
Mass (g/m)	10.3	14.2	22.7	37.9
Average Break Load (kN)	4.3	5.9	11.4	18.1
CE Standard	EN564	EN564	EN564	EN564

* 5.5mm Dyneema Accessory Cord also available on request

8 PLAIT MARSTRON (FLOATING RESCUE LINE)



Construction 8 Plait Polypropylene.
 Lengths 100m, 200m
 Colours Orange & Yellow

Floating, water rescue rope.
 Also available with reflective markers for night use.

Diameter (mm)	6	8	10
Mass (g/m)	17.6	27.0	50.0
Average Break Load (kN)	4.5	7.55	12.8
CE Standard	NA	NA	NA

SEWN STATIC TERMINATION

CE Certified sewn terminations, strops and assemblies can be applied upon request. Certain ropes such as the new Marlow Aeris Static rope can be supplied with CE certified spliced terminations.

Please contact our sales desk on +44 (0) 1323 444 444 for further information.



Ascenders & Descenders

Marlow are official distributors of ISC climbing and safety hardware in the Rope Access market. Below is a selection of ascenders, descenders, pulleys and karabiners from their extensive range.

NEW

RED BACKUP DEVICE

Part Number: G-RP890
 Weight: 202g
 Rated Capacity: 240g
 Rope Diameter: 10.5-12.7mm
 Body Material: Aluminium
 Cam Material: Aluminium
 CE Standard: EN12841A
 Tow Cord: Standard or Popper



The RED's non-aggressive Cams have a positively locking spring, making the device is self-parking. This self-parking function is important for Rope Access work techniques as they stipulate that the back-up device should be positioned so as to reduce fall factors to a minimum.

The RED makes use of 'Rotational Braking'- the more the device rotates clockwise, the greater the build up of friction, which provides the automatic braking in the event of a fall or sudden pull on the Cows-tail.

MINI ROPE GRAB WITH PIP PIN REMOVABLE AXLE

Part Number: G-RP209A
 Weight: 178g
 Rope Diameters: 10.5-13mm
 CE Standard: EN353-2, EN358, NFPA 201



The RP209 Ropegrab has a Pip Pin Axle, allowing the Ropegrab to easily be added to or removed from the working rope line at anytime- without the need for the user to detach from their Harness. The Pip Pin is a 'Push-button' device, allowing the user to quickly and efficiently secure the device during use.

CHEST ASCENDER

Part Number: G-RP229
 Weight: TBC
 Body Material: Aluminium
 Cam Material: Stainless Steel
 CE Standard: EN567



ROCKER ROPEGRAB

Part Number: G-RP500
 Weight: 184g
 Body: Anodised Aluminium
 CE Standard: EN353-2, EN358, EN12841-A



The Rocker can be fitted to the rope at any point. It can be used hands-free, when ascending and descending. The Rocker can also be used as a Rope Adjuster on a Work Positioning Lanyard or Flip-line (in accordance with EN358). The Thumb-catch allow the Rocker to be 'parked', for Work Positioning or used as a Rope Access back-up device. The Rocker is fitted with non-aggressive 'rope friendly' cam faces.

R-ALF RESCUE 2 WAY AUTO LOCKING PULLEY

Part Number: G-RP431
 Weight: 1200g
 Rope Diameter: 11mm Only
 EN1891A Ropes
 Number of Persons: 2
 Body Material: Aluminium
 Standards: CE0120, ANSI:2359:4.2007



The R-ALF Pulley is ideal for Rescue, Confined Space working and Work Suspension Systems. The load rated Becket Eye on the R-ALF means that it can be used in combination with Prussik Pulleys to create a 3 : 1 or 5 : 1 Mechanical Advantage System.

PROFESSIONAL HAND ASCENDER

Part Number: G-RP210 (Left), G-RP220 (Right)
 Weight: 350g
 Rope Diameter: 9-13mm
 Body Material: Aluminium
 Rated Capacity: Dependent on rope type.
 Standards: EN567, NFPA Compliant



The Camfaces on all ascenders are coned to reduce rope wear.

COMING SOON D4 DESCENDER



The D4 Descender will feature a unique progressive cam action, which affords the operator a high level of control at slow or fast speeds. Fitted with Panic Brake.

RIGGING PLATES

Small Rigging Plate
 Part Number: G-RP300A
 Weight: 58g
 Min Break Strain: 36kN
 Standard: CE0120



Medium Rigging Plate
 Part Number: G-RP310A
 Weight: 242g
 Min Break Strain: 40kN
 Standard: CE0120



WIRE ANCHORS

Part Number, 7mm: 1m G-WS100A
 (Other Diameters Available) 1.5m G-WS150, 2m G-WS200, 3m G-WS300

Lengths Available: 1m, 1.5m, 2m, 3m
 CE Standard: EN795



Hardware Manufactured in the United Kingdom



Pulleys

24KN MICRO PULLEY

Part Number: G-RP037
 Weight: 88 g
 Rope Diameter: Max 13mm
 Body Material: Aluminium
 Min Break Strain: 28 kN
 CE Standard: EN12278



35KN SMALL SINGLE PULLEY

Part Number: G-RP012
 Weight: 88 g
 Rope Diameter: Max 13mm
 Body Material: Aluminium
 Min Break Strain: 35 kN
 CE Standard: EN12278



PRUSSIK SINGLE PULLEY

Part Number: G- RP060A
 Weight: 200g
 Rope Diameter: Max 13mm
 Body Material: Aluminium
 Min Break Strain: 40 kN
 CE Standard: EN12278



DOUBLE PRUSSIK SMALL PULLEY

Part Number: G-RP061A
 Weight: 340g
 Rope Diameter: 13mm maximum
 Body Material: Aluminium
 Min Break Strain: 40 kN
 CE Standard: EN12278



Part Number: G-RP064A
 Weight: 500g
 Rope Diameter: 13mm maximum
 Body Material: Aluminium
 Min Break Strain: 50 kN
 CE Standard: EN12278

Karabiners

OFFSET SCREWGATE

Part Number: G- KH200
 Gate Type: Screwgate
 Weight: 220g
 Opening Gap: 20mm
 Body Material: Steel
 Min Break Strain: 50 kN
 CE Standard: EN362



OVAL STEEL SCREWGATE

Part Number: G- KH311
 Gate Type: Screwgate
 Weight: 188g
 Opening Gap: 18mm
 Body Material: Steel
 Min Break Strain: 25 kN
 CE Standard: EN362



Other Gate Types available.

Other Gate Types available.

HMS SCREWGATE

Part Number: G- KH212
 Gate Type: Screwgate
 Weight: 276g
 Opening Gap: 23mm
 Body Material: Steel
 Min Break Strain: 50 kN
 CE Standard: EN362



SMALL WIZARD SCREWGATE

Part Number: G- KH219
 Gate Type: Screwgate
 Weight: 264g
 Body Material: Steel
 Min Break Strain: 70 kN
 CE Standard: EN362



Other Gate Types available.

Other Gate Types available.

KETTERSTEIG SCREWGATE

Part Number: G- KH202
 Gate Type: Screwgate
 Weight: 250g
 Opening Gap: 26mm
 Body Material: Steel
 Min Break Strain: 50 kN
 CE Standard: EN362



SCAFFOLD HOOK TWISTLOCK

Part Number: G-KH407
 Weight: 678 g
 Opening Gap: 53mm
 Body Material: Steel
 Min Break Strain: 30kN
 CE Standard: EN362



Other Gate Types available.



Safety and Access



Marine and Offshore



Film & Theatre Rigging



Winchline



Industrial & Utility



Arboriculture



Defence



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PRO SAFETY

