



Marlow[®]

DEFENCE

FOR LIFE
ON THE EDGE

ISSUE 9

FAST ROPES



Marlow Ropes pioneered the original Fast ropes in conjunction with the British Special Forces. These ropes are now in use by traditional regiments, special forces and SWAT teams around the world.

The unique construction of the Marlow Fast Rope allows for comfortable control throughout the descent and makes it easier to slow down and brake. The suppleness of the construction means that the rope is not hard on the hands and less force is required that with other ropes.

Oil and general spillages do not affect speed or control during descent as the Marlow Fast Rope will absorb liquids. In response to the needs of the various units, we offer a range of sizes, terminations and accessories for all tactical fast roping manoeuvres. The Fast Rope is available as a standard 40mm nominal diameter, thinner 32mm nominal diameter version and a firm version for increased abrasion resistance.

A firm version of the Fast Rope is also available, for improved abrasion resistance.

In response to the needs of the special units, we now offer a selection of 3 termination options:

DYNALITE TERMINATION (DLT)

Significant weight savings over metal terminations. Eliminates risk of injury to personnel on the ground when ropes are released post deployment. Designed to fit a wide range of helicopter cargo hooks and hoists



MULTIFIT TERMINATION (MFT)

Strong and durable. Fits a range of helicopter cargo hooks and hoist systems. Features a 45mm machined eye allowing fast attachment. Standard conical fittings available on request. MFT available for 40mm only.



SPLICED EYE (SE)

Polyester protected factory spliced eye. Ideally suited for descent from towers in training situations. Easily hooked over support beams or scaffolding in training.



FAST ROPES STANDARD 40MM

STANDARD Specifications

DIAMETER (mm)	LENGTH (M)	DLT PART NUMBER	DLT NSN	SE PART NUMBER	MFT PART NUMBER	MFT NSN
40	12.2	TAS079	4020-99-895-4343	TAS010	TAS054	4020-99-277-6212
40	15.2	TAS086	4020-99-242-9307	TAS025	TAS055	4020-99-338-4843
40	18.3	TAS074	4020-99-743-0451	TAS011	TAS056	4020-99-297-6895
40	27.4	TAS071	4020-99-896-0900	TAS012	TAS057	4020-99-159-1677
40	36.6	TAS085	4020-99-134-8518	TAS013	TAS068	-

FAST ROPES 40MM HEAVY WEIGHT

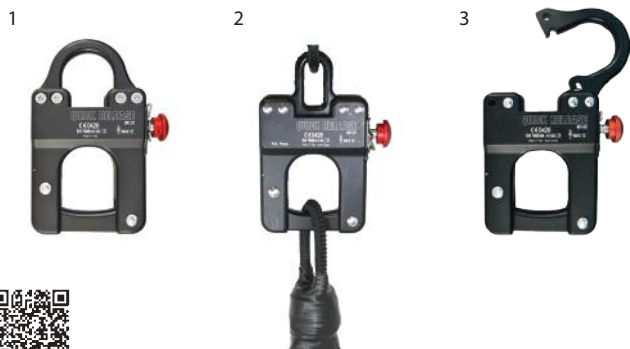
Heavy weight version of the standard fast rope. Weight inserts aid deployment from larger helicopters and maintain rope stability even with strong updraft and turbulence.

HW Specifications

DIAMETER (MM)	LENGTH (M)	DLT PART NUMBER	DLT NSN
40	12.2	-	-
40	15.2	-	-
40	18.3	TAS129	4020-99-816-7775
40	27.4	TAS139	4020-99-702-5793
40	36.6	-	-

FAST ROPE QRM QUICK RELEASE MECHANISM

Designed for the release of fast ropes. Three types of slots as standard for helicopter winch to suit all hook types. wide passage to use all types of fast rope terminations. Push button release system fitted with safety pin. It can also be used with metal terminations.



Specifications

	WEIGHT (kg)	MATERIAL	PART NO.
1 ROUND HEAD	1.6	ALUMINIUM ALLOY	GTM 010
2 SMALL HEAD	1.6	ALUMINIUM ALLOY	GTM 011
3 OPEN GATE	1.6	ALUMINIUM ALLOY	GTM 012

FAST ROPE RACK POSITIONER

The positioning device will maintain the descender in place enabling personnel to attach themselves to one leg of the lanyard as well having the time to attach any equipment, a dog or second person.



WEIGHT (kg)	PART NO.
0.4	FAA159

FAST ROPES 32MM

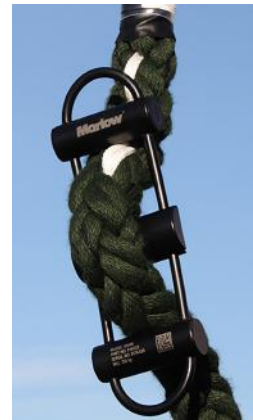
The 32mm version is a thinner nominal diameter, already in use in several countries.

32mm Specifications

DIAMETER (MM)	LENGTH (M)	DLT PART NUMBER	SE PART NUMBER
32	12.2	TAS102	-
32	15.2	TAS153	TAS133
32	18.3	TAS120	TAS126
32	27.4	TAS119	TAS116
32	36.6	TAS115	TAS141

FRR (FAST ROPE RACK)

Marlow's Fast Rope Descenders are available in two versions to fit the 32mm and 40mm fast ropes to aid the rapid insertion of units. The innovative device is easy to install and ideal when descending with heavy equipment and/or untrained personnel. Supplied in Marlow Tactical storage bag and available with adjustable lanyards and an optional quick release.



Specifications

ROPE RACK SUITABLE FOR A 32MM FAST ROPE MEASURES 300 X 90 X 45MM. WEIGHT 0.87KG ROPE RACK SUITABLE FOR A 40MM FAST ROPE MEASURES 340 X 105 X 45MM. WEIGHT 0.98KG BOTH STAINLESS STEEL WITH HARDWEARING BLACK OXIDE FINISH. WORKING LOAD LIMIT FOR BOTH IS 250KG.

PART NO.	DESCRIPTION
FAA125	40MM ROPE RACK + LANYARD + QUICK-OUT
FAA126	FAST ROPE RACK SUITABLE FOR 40MM FAST ROPE
FAA146	FAST ROPE RACK SUITABLE FOR 32MM FAST ROPE + QUICK-OUT
FAA147	32MM ROPE RACK AND 2 LEG LANYARD
FAA161	ROPE RACK + 2 LEG LANYARD + POSITIONER

FAST ROPE RACK LANYARDS

Available with or without quick out link mechanism - The quick out link option gives a quicker and faster release.



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INSERTION EXTRACTION

Marlow Ropes designed and developed the original multi-use product for airborne rapid deployment and retrieval, reducing the risk to helicopters and personnel.

NEW

F.R.I.E.S (FAST ROPE INSERTION & EXTRACTION SYSTEM)

Marlow Ropes designed and developed the original multi use product for rapid deployment and retrieval, reducing the risk to helicopters and personnel. Each Marlow F.R.I.E.S can carry 6 fully equipped personnel with it's loop and lanyard system and can also be used as a regular Fast Rope. F.R.I.E.S. are available with the same termination options as the standard Fast Ropes



Specification

DIAMETER (MM)	LENGTH (M)	DLT PART NUMBER	SE PART NUMBER	MFT PART NUMBER
40	12.2	TBC	TBC	TBC
40	18.3	TAS300	TAS303	TAS306
40	27.4	TAS301	TAS304	TAS307
40	36.6	TAS302	TAS305	TAS308

S.P.I.E LANYARD

This product has been designed for use with the Marlow FRIES or SPIE Ropes for personnel to hook up to a dorsal D ring (1 person load).*



Made from polyester webbing and supplied with a Captive eye 3 way aluminium Karabiner.



Specification

COLOUR	LENGTH (INCHES)	LENGTH (CM)	STRENGTH (KN)	KARABINER SIDE LOAD STRENGTH (KN)	PART NUMBER
OLIVE	22	56	22	16	FAA162

* Certified to EN354 2010, EN566 2017, EN795 2012B and PD CEN/TS 16415:2013 (2 person load).

N & ON SYSTEMS

S.P.I.E (SPECIAL PATROL INSERTION & EXTRACTION)

Marlow's extraction system has been designed for the transportation of a larger number of personnel with increased safety. Higher strength to accommodate greater number of personnel (10 to 12 as standard). Two loop integrated colour coded safety system for all personnel. Spliced eye termination.



Specification

DIAMETER (MM)	LENGTH (M)	SE PART NUMBER
28	27.4	TAU011
28	40	TAU014



S.P.I.E WPX

Marlow's floating extraction system allows easier retrieval from waterborne operations. Designed to carry 10 to 12 personnel. Two loop integrated colour coded safety system for all personnel. Hard wearing. The main rope has been designed for low shock loads. Spliced eye termination.



Specification

DIAMETER (MM)	LENGTH (M)	SE PART NUMBER
30	18.3	TAU016
30	27.4	TAU015
30	40	TAU013



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RAPPELLING & CLIMBING ROPES

PROTEC 250 ENFORCER

This solid black Protec 250 is a CE and NFPA certified semi-static rope, essential for military and rope access professionals who require a tough and durable work-positioning rope. Constructed with multiple-twisted nylon (polyamide) cores and a rugged 32 plait polyester cover.



Specification

PART NO	DIAMETER (MM)	WEIGHT (G/M)	CERTIFICATION	MIN BREAKLOAD (KN)
KC4821	11.3MM	85.5	CE CERTIFIED EN 1891 TYPE A, NFPA 1983: INCORPORATED IN THE 2022 EDITION OF NFPA	22

*11mm new size available soon.

PROTEC 500

The ProTec 500 is a new CE Certified EN1891 Type A 11mm Aramid rope with a 100% Technora® cover, essential for all professionals who require a rappelling rope with outstanding heat resistant properties. Ideal for power ascenders.

Colours available: grey with lime fleck or light grey fleck.



KC4539-BLACK/LIMEX200M



KC4540-BLACK/GREYX200M



KC4605-NATURAL/REDX200M

Specification

DIAMETER (MM)	WEIGHT (G/M)	LENGTH (M)	CE CERTIFIED	AV.BREAKLOAD (KN)	AV. BREAKLOAD WITH FIG 8 KNOT (KN)	STATIC ELONGATION (%)	IMPACT FORCE (KN)
11	83.0	100,200	EN1891 TYPE A	49.1	24.4	3.0	5.31

“AFTER ASCENDING AND DESCENDING ON MARLOW’S STATIC LSK 11MM ROPES FOR MANY YEARS NOW, I LOVE THE PERFECT BALANCE BETWEEN THE DURABLE SHEATH AND THE WAY THE CONSTRUCTION HANDLES KNOTS.”

Trask Bradbury
Masterpoint Rope Access Solution

BLACK MARLOW

Black Marlow is our dedicated tried and tested, high quality rappelling rope used by regular and special forces around the world.

Specifically designed for rapid descents from helicopters, rock faces and in urban warfare situations, the combination of the tough and durable polyester cover and low stretch polyester cores ensures high performance and reliability. The high tenacity plaited cover also ensures comfortable handling but with excellent abrasion resistance and longevity. The 11mm Black Marlow is CE certified and NATO codified.



Specification

DIAMETER (MM)	WEIGHT (G/M)	LENGTH (M)	COLOUR	CE CERTIFIED	NSN	AV. STATIC STRENGTH (KN)
9	67	100	BLACK	-	-	20.3
11	95.4	61	BLACK	MR 10-81	4020-99-543-9005	30.8
11	95.4	61	WHITE	MR 10-81	4020-99-543-9005	30.8



DIABLO STATIC ROPES

Marlow Diablo is a high quality rope with a special heat resistant cover. This rope has been designed for abseiling as rapid descents can in some cases melt the fibres of regular ropes.

Diablo remains supple in use and is available in 3 colour options as standard.



Specification

DIAMETER (MM)	WEIGHT (G/M)	LENGTH (M)	COLOUR	CE CERTIFIED
11	82.5	61	BLACK	EN1891 TYPE A
11	82.5	200	BLACK	EN1891 TYPE A



KC4146 – BLACK / GREY X 200M



KC4148 – BLACK/ORANGE X 200M



KC4700 – NATURAL / ORANGE X 200M

STATIC ROPES

Marlow Static are low stretch kernmantle ropes designed for rope access and abseiling. Marlow Static ropes are compatible with most rope management devices and made with a nylon (polyamide) core and cover.



Specification

DIAMETER (MM)	WEIGHT (G/M)	LENGTH (M)	CE CERTIFIED
9	53.0	50, 60, 100, 200	EN1891 TYPE B
10.5	67.2	50, 60, 100, 200	EN1891 TYPE A
11	73.8	50, 60, 100, 200	EN1891 TYPE A
12	90.3	50, 60, 100, 200	EN1891 TYPE A



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MARLOW VERTEX (ACCESS LSK)

Marlow Vertex (Access LSK) is a low stretch kernmantle rope designed for rope access, work positioning, caving and abseiling. Manufactured from 100% high tenacity polyester and offering excellent strength with lower elongation than nylon static ropes.

Fully NFPA compliant and compatible with all relevant diameter rope management, climbing and descending devices, Vertex (Access LSK) is available in a range of colours (solid red, black, orange, white and blue) for clear identification. **NOT FOR SALE IN EUROPE**



Specification

PART NO	DIAMETER (MM)	WEIGHT (G/M)	NFPA CERTIFIED	MIN BREAKLOAD (KN)
KN006	11MM ORANGE	92.1	NFPA 1903:2017	32.1
KN0013	11MM RED	92.1	NFPA 1903:2017	32.1
KN0020	11MM BLUE	92.1	NFPA 1903:2017	32.1
KN0027	11MM BLACK	92.1	NFPA 1903:2017	32.1
KN0034	12.5MM ORANGE	118.5	NFPA 1903:2017	37.8
KN0041	12.5MM RED	118.5	NFPA 1903:2017	37.8
KN0048	12.5MM BLUE	118.5	NFPA 1903:2017	37.8
KN0055	12.5MM BLACK	118.5	NFPA 1903:2017	37.8



DYNAMIC CLIMBING ROPES

A combination of good handling and abrasion resistance makes these ropes ideal for climbing as well as a safety line when abseiling or work positioning.



Specification

DIAMETER (MM)	WEIGHT (G/M)	LENGTH (M)	CE CERTIFIED	STATIC ELONGATION (%)	HELD FACTOR 1.78 FALLS	IMPACT FORCE (KN)
10.5	70	100, 200	EN892	8	7	8
11	78	100, 200	EN892	8	11	8

ACCESSORY CORD

Stong nylon core offers ideal performance in a variety of applications.



Specification

DIAMETER (MM)	WEIGHT (G/M)	COLOUR	CE CERTIFIED	MIN BREAKLOAD (KN)
3	5.6	BLACK	-	1.8
4	10.3	BLACK	EN564	3.2
5	14.2	BLACK	EN564	5.0
6	22.7	BLACK	EN564	6.0
7	31	BLACK	-	9.8
8	37.9	BLACK	EN564	12.8



ACCESSORIES

MARLOW FAST ROPING GLOVES

Kevlar® lined cowhide leather glove with a split leather palm for improved grip, durability, insulation and heat resistance when fast roping. The Neoprene and leather cuff provides a secure fit with a spandex/elastane stretch back adding comfort and flexibility.



Specification

COLOUR	SIZE	PART NO.
BLACK	SMALL	FAA127
BLACK	MEDIUM (9)	FAA128
BLACK	LARGE (10)	FAA129
BLACK	X LARGE (11)	FAA134
BLACK	XXLARGE	FAA163

KEVLAR® FAST ROPING GLOVES

Manufactured from reinforced leather with wool lining and Velcro wrist adjustment. Kevlar® lined palms provide further wear and heat resistance when fast roping.



Specification

COLOUR	SIZE	PART NO.
BLACK	SMALL	FAA039
BLACK	MEDIUM (9)	FAA035
BLACK	LARGE (10)	FAA036
BLACK	X LARGE (11)	FAA070

ABSEIL GLOVE

Manufactured from water resistant leather with goat skin reinforcement to palm and thumb.



Specification

COLOUR	SIZE	PART NO.
BLACK	LARGE (10)	FAA038

FAST ROPE STORAGE BAG

Marlow's rope storage bag will keep your fast ropes clean, dry and UV protected. Suitable for Fast Ropes from 12.2 metres (40 Feet) to 27.4 metres (90 Feet) with a twin zipper for easy access.



Specification

DIMENSIONS (CM)	MATERIAL	CAPACITY (M)	PART NO.
100 X 40 X 30	1000 DENIER PVC MESH, NYLON WEBBING	12.2 -27.4	FAA 135
112 X 40 X 30	1000 DENIER PVC MESH, NYLON WEBBING	36.6	FAA 136

ABSEIL LEG BAG

Available in three sizes to accommodate 100m, 61m or 30m of 11mm rope, the simple design allows for easy rope stowage and kink free deployment, making rapid descent as trouble free as possible. Available in black premium 1000 denier material.



Specification

CAPACITY (M)	DIAMETER (MM)	HEIGHT (MM)	PART NO.
100	220	600	FAA 118
61	222	360	FAA 117
30	150	360	FAA 116

FAST ROPE BACK PACK

Manufactured with back pack straps and padded back section for easy solo carrying. The bag has strong handles for manoeuvring and compression straps to secure the internal load and position weight. When deployed an internal clip attaches the bag to the end of the rope. Available in black premium 1000 denier material.



Specification

CAPACITY (M)	PART NO.
12.2 & 18.3	FAA 114
27.4 & 36.6	FAA 115

ROPE BAG

This rope bag has been designed for use with abseil and intervention ropes between 9-12mm in diameter



Specification

MAXIMUM CAPACITY (M)	PART NO.
61	FAA 119



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EZYiD

EZYiD's cloud-based Asset Management Platform paired with RFID technology is the easy way to easily identify and audit your assets leading to improved workforce productivity and user safety and increased asset lifespans and increased safety for users.

Key features include:

- Asset Identification
- Inspection Checklists
- Digital Transformation
- Bulk Updates & Inspections
- Global Product Catalogues
- Task Assignment & Scheduling
- Flexible software will work with existing audit software

EZYiD tags, ties and stickers can be applied manually to any products.



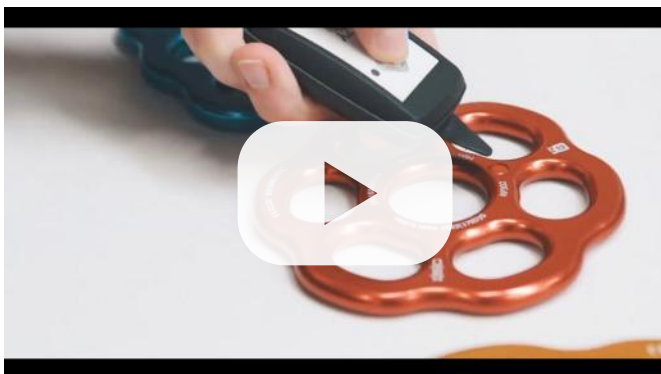
“WITH EZYiD
OUR INSPECTION
TIMES HAVE
BEEN SLASHED”

T Kepes



“PREVIOUSLY, IT WOULD TAKE US AROUND 6 HOURS TO LOCATE AND DOCUMENT THE SERIAL NUMBERS OF JUST 200 PIECES OF EQUIPMENT AND ASSIGN THEM TO THE RESPECTIVE SITES. HOWEVER, WITH EZYiD, THIS ENTIRE PROCESS NOW TAKES JUST ONE HOUR - AND WE HAVE 20,000 ASSETS IN THE SYSTEM!”

C Davies



Learn more about EZYiD here



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- MILITARY VEHICLE
- VEHICLE RECOVERY
- LEISURE MARINE
- ROPE ACCESS & RESCUE



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