

MARLOW

DATASHEET

®

VEGA

Vega is a UKCA and CE EN1891 certified whilst also being ANSI Z133 compliant. The light-weight arborist climbing rope, that boasts the lowest elongation currently on the market (1.2%). Designed specifically for the new generation of mechanical climbing devices and modern climbing techniques.

The braided polyester core provides extremely low elongation which ensures an easier and less exhausting climb, whilst the 24 plait polyester jacket gives the rope exceptional flexibility and handling without compromising on durability.

Type A Ropes

Type A ropes are suitable for general use in rope access, line rescue and speleology.

Type B Ropes

Type B ropes are of a lower performance than type A ropes, requiring greater care in use.

Vega meets and exceeds all requirements of type A, except the 'drop test dynamic performance', which is in accordance with type B requirements.



NOW AVAILABLE IN LIME

IDEAL FOR SRT
CLIMBING

APPLICATIONS:

SRT Climbing rope

MATERIAL**CORE
COVER**Polyester
24 plait polyester**FEATURES & BENEFITS:**Light weight
Extremely low elongation
Ideal for SRT climbing
Durable
Splicable**TEST STANDARD:**

CE EN 1891 TYPE B, ANSI Z133, UKCA

PERFORMANCE

	OUR TESTING RESULTS	EN 1891 TYPE A REQUIREMENTS	EN 1891 TYPE B REQUIREMENTS	ANSI Z133 REQUIREMENT
Diameter (mm)	11.7mm	8.5-16mm	8.5-16mm	>11mm
50-150kg elongation (%)	1.2%	<5%	<5%	n/a
Elongation at 540lbs (%)	2.6%	n/a	n/a	<7%
Shrinkage (%)	0%	n/a	n/a	n/a
Mass Core (g/m)	45.2g/m	n/a	n/a	n/a
Mass Cover (g/m)	55.6g/m	n/a	n/a	n/a
Mass Rope (g/m)	100.9g/m	n/a	n/a	n/a
Av. Static strength ex terminations (kN)	36.8kN	22kN	18kN	24kN
Av. Static strength with fig. 8 loop (kN)	18.9kN	15kN	12kN	n/a
Av. Static strength with low profile eye (kN)	21.2kN	18kN	12kN	n/a
Material	Polyester			
Drop Test				
Fall Factor 1. Falls Fig. 8 loop	10*	5**	5***	n/a
Peak force (kN) fig. 8 loop	5.25kN	< 6kN	< 6kN	n/a

* Marlow Drop testing results using 80kg weight

** Drop test type A requires to use 100kg weight

*** Drop test type B requires to use 80kg weight.

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