

Marlow[®] DATASHEET

VEGA

Vega is a 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.



**IDEAL FOR SRT
CLIMBING**



Key Specifications:

Material:	Polyester
Lengths:	25m, 35m, 45m, 60m and 200m reels
Tested Standard:	EN1891 TYPE A
Colour:	Orange, green and neon yellow
Features:	Light weight, Extremely low elongation , Ideal for SRT and spliceable.
Terminations:	Low profile splice

PERFORMANCE

ROPE PROPERTIES	OUR TESTING RESULT			
DIAMETER	11.7 mm			
50-150KG ELONGATION (%)	1.2%			
ELONGATION AT 540 lbs (%)	2.6%	N/A	N/A	<7%
SHRINKAGE (%)	0%	N/A	N/A	N/A
MASS CORE (g/m)	45.2 g/m	N/A	N/A	N/A
MASS COVER (g/m)	55.6 g/m	N/A	N/A	N/A
MASS ROPE (g/m)	100.9 g/m	N/A	N/A	N/A
AV. STATIC STRENGTH EX TERMINATIONS (kN)	36.8 kN	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
DROPS TEST				
FALL FACTOR 1. FALLS FIG. 8 LOOP	10*	5**	5***	N/A
PEAK FORCE (KN) FIG. 8 LOOP	5.25 kN	<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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