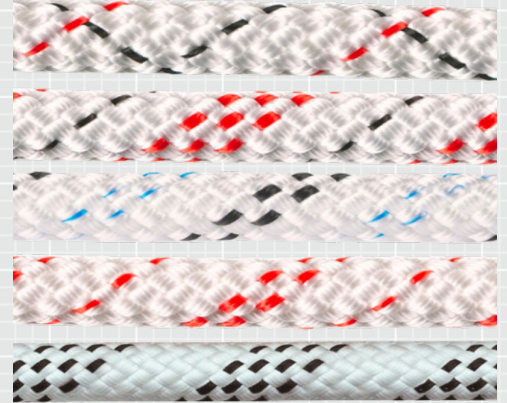


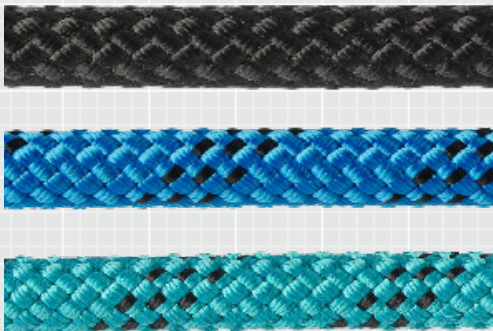
Marlow[®] DATASHEET

STATIC ROPES

Marlow Static LSK is a low stretch kernmantle rope designed for rope access, work positioning, caving and abseiling. Static LSK ropes are manufactured using high quality high tenacity polyamide and significantly out perform the standard CE 1891 test standards with outstanding dynamic properties.



Compatible with all relevant diameter rope management, climbing and descending devices. Static LSK is available in a range of flecked or solid colours and have a visible year of manufacture marker as standard.



Solid colour options available

Key Specifications:

Material:	High Tenacity Polyamide (Nylon)
Construction:	16 plait braided jacket/Multiple twisted cores
Cover:	High Tenacity Polyamide (Nylon)
Colours:	Solid colours options (11mm and 12mm only) Solid Black option available.
Supplied in:	50, 100, 200 metre reels at standard

Termination

All Marlow's static ropes can be terminated with a figure of eight knot. All Static ropes can be terminated with a CE approved sewn eye. This is produced in Marlow's factory using the latest computer controlled sewing machinery. Each eye is individually serial numbered.



PERFORMANCE

PROPERTIES	9mm	10.5mm	11mm	12mm
Rope classification Type (A or B)	B	A	A	A
Diameter (mm)	9.1	10.4	11	12
Sheath Slippage (%)	0	0	0.4	0.2
50-150kg elongation (%)	3.3	2	2.4	1.9
Shrinkage (%)	4.5	5	4	4.3
Mass Core (g/m)	28.5	34.7	40.6	56.8
Mass Cover (g/m)	24.5	32.5	33.1	33.6
Mass Rope (g/m)	53.0	67.2	73.8	90.3
Minimum Static Strength ex. terminations (kN)	18	22	22	22
Average Static Strength ex. terminations (kN)	25.4	33.4	35.3	42.8
Minimum Static Strength with terminations (kN)	12	15	15	15
Average Static Strength with sewn eye (kN)	18.5	25.1	30.9	36.2
Average Static Strength with fig. 8 loop (kN)	13.7	19.5	21.1	24.3
Average Static Strength with spliced eye (kN)	N/A	N/A	N/A	N/A
Fall Factor 1 falls. Fig. 8 loop	6	10+	10+	10+
Fall Factor 1 falls, Spliced eye	N/A	N/A	N/A	N/A
Peak Force (kN). Fig 8 loop	4.6	5.6	5.8	5.5

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ISO 9001
ISO 14001

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