

Marlow DATASHEET[®]

REFLECTIVE STATIC

Reflective Static LSK is a low stretch kernmantle rope designed for rope access, work positioning, caving and abseiling at night or in dark or confined working conditions where visibility of the line is important. Reflective Static LSK ropes have the same specification and outstanding dynamic properties of our standard product.

Compatible with all relevant diameter rope management, climbing and descending devices, Reflective Static LSK is available in a range of colour options.



PERFORMANCE

PROPERTY	10.5MM	11MM	12MM
Rope Classification Type (A or B)	A	A	A
Diameter (mm)	10	11	12
Sheath Slippage (%)	0	0.4	0.2
50-150kg Elongation (%)	2	2.4	1.9
Shrinkage (%)	5	4	4.3
Mass Core (g/m)	35	40.6	56.8
Mass Cover (g/m)	24	33.1	33.6
Mass Rope (g/m)	67	73.8	90.3
Minimum Static Strength ex. terminations (kN)	22	22	22
Average Static Strength ex. terminations (kN)	33	35.3	42.8
Minimum Static Strength with terminations (kN)	15	15	15
Average Static Strength with sewn eye (kN)	25	30.9	36.2
Average Static Strength with fig. 8 loop (kN)	20	21.1	24.3
Average Static Strength with spliced eye (kN)	N/A	N/A	N/A
Fall Factor 1 falls. Fig. 8 loop	10+	10+	10+
Fall Factor 1 falls. Spliced eye	N/A	N/A	N/A
Peak Force (kN) Fig 8 loop	6	5.8	5.5
Peak Force (kN) Spliced eye	N/A	N/A	N/A

Key Specifications:

Material:
High Tenacity Polyamide Nylon

Construction:
16 plait braided / Multiple twisted cores

Cover:
High Tenacity Polyamide Nylon

Certification:
EN 1891 type A

Colours:
White plus Ref and Orange plus Ref

Lengths:
200m reels

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Certificate Number 315
ISO 9001
ISO 14001