STATIC LSK DATASHEET

ENGINEERED FOR:

Rope Access

Abseiling

Rescue

Caving

Marlow's 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 nylon (polyamide) and significantly outperform the standard EN 1891 test standards with outstanding dynamic properties. Compatible with all relevant diameter rope management, climbing and descending devices, Static LSK also comes in a range of flecked or solid colours and a visible year of manufacture market as standard (white only).

KEY FEATURES:

• High strength • High flex • Soft handling • Durable

TECHNICAL INFORMATION:

DIAMETER (mm)	9	10.5	11	12
WEIGHT (kg/100m)	5.3	6.72	7.38	9.03
AVG. BREAKLOAD (kN)	25.4	33.4	35.3	42.8
AVG. BREAKLOAD WITH SEWN EYE (kN)	18.5	25.1	30.9	36.2
AVG. BREAKLOAD WITH FIG. 8 LOOP (kN)	13.7	19.5	21.1	24.3
ELONGATION AT 50-150kg (%)	3.3	2	2.4	1.9
FALL FACTOR 1 FALLS WITH FIG. 8 LOOP (kN)	6	10+	10+	10+
PEAK FORCE WITH FIG. 8 LOOP (kN)	4.6	5.6	5.8	5.5

Tested in accordance with CE EN 1891.

CERTIFICATIONS:

CE EN 1891 Type A: 10.5mm, 11mm, 12mm

CE EN 1891 Type B: 9mm

COLOURWAYS:

9mm White/ Black Fleck

10.5mm White/ Red Fleck

10.5mm White/ Black Fleck

11mm White/ Red Fleck

11mm White/ Black Fleck

11mm Black

11mm Red

11mm Orange

11mm Blue

11mm Green

11mm Yellow

12mm White

Marlow® ROPE ACCESS

STATIC LSK DATASHEET

TECHNICAL INFORMATION:

DIAMETER (mm)	9	10.5	11	12
ROPE MASS (g/m)	53	67.2	73.8	90.3
MASS CORE (%)	28.5	34.7	40.6	56.8
MASS COVER (%)	24.5	32.5	33.1	33.6

Tested in accordance with CE EN 1891.

CHEMICAL RESISTANCE	Please contact us
UV RESISTANCE	Good
COVER MELTING POINT	220°C / 428°F
CORE MELTING POINT	220°C / 428°F
CONSTRUCTION	Multiple twisted core, 16-plait cover
MATERIAL	Nylon (polyamide) core, Nylon (polyamide) cover
LENGTHS (m/ft)	50m/165ft, 100m/328ft, 200m/656ft, 600m/1968ft
TERMINATIONS	Sewn eye, Plain end

The information in this document is subject to change without prior notice. Please refer to our website for the most up-to-date version.

Marlow®

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