

RESPONSE LSK



BRAID



USES

This rope is designed for use in rope access applications like rescue, controlled descents, and cave exploration. The ropes are used with special ascent / descent clamping devices that control lowering and raising in the various applications.

The rope must be checked routinely for damage to the cover. The cover is most susceptible to damage from sharp objects and high frictional usage.

STANDARDS: **CE** EN 1891

Treated and heat set

Diameter Ø	11 mm
Rope Classification (A or B)	A
50-150kg Elongation	3.2 %
Shrinkage %	2.6%
Approximate Mass grams per metre	91g
Break Load without Knots	3250Kg
Break Load with Knots	2300Kg
Product Code	LSK11W

*ALL SPECIFICATIONS TO BE USED AS A GUIDELINE ONLY

Southernropes (Pty) Ltd



 STRENGTH	Wet strength compared to dry	100%
	Rope shock load absorption ability	Good
 WEIGHT	Specific gravity of fibres or filaments	1.38
	Able to float	No
 ELONGATION	Creep (extention under sustained load)	Low
 EFFECTS OF MOISTURE	Water absorption of individual fibres	1
	Resistance to rot, mildew and deterioration due to marine organisms	Excel.
 DEGRADATION	Resistance to ultra-violet in sunlight	Good
	Resistance to ageing for properly stored rope	Excel.
 CHEMICAL RESISTANCE	Resistant to most mineral acids: Disintergrated by 95% sulphuric acid No effect on cold Alkalines, slowly disintergrated by Alkalines at the boil Generally unaffected by organic solvents Soluble in some phenolic compounds	
 ROPE ABRASION RESISTANCE	Surface	Good
	Internal	Good
 EFFECT OF TEMP. ON DRY ROPE	High temperature working limit	150°C
	Low temperature working limit	-21°C
	Melts at	250°C

Visit our website: www.southernropes.com

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