



Static Kernmantle Lifeline Specifications & Technical Data

Manufactured with a polyester sheath over a nylon core to maximize performance & durability. This rope meets the performance requirements specified in NFPA:1983: Standard on Life Safety Rope & Equipment. Available with sew or swaged terminations and hardware attached when required.

Diameter	Weight (lb/100')	MBS	Elongation (at 10% of MBS)	Colour	Available Packages	PART #
10mm	4.5	6,000lbf	2.5%	White/Red	200'; 600'; 1,200'	10-610-XX-150
10mm	4.5	6,000lbf	2.5%	Black	200'; 600'; 1,200'	10-610-XX-200
11mm	5.5	7,500lbf	2.5%	White/Green	200'; 600'; 1,200'	10-611-XX-140
11mm	5.5	7,500lbf	2.5%	Black	200'; 600'; 1,200'	10-611-XX-200
11mm	5.5	7,500lbf	2.5%	Black/Red	200'; 600'; 1,200'	10-611-XX-255
11mm	5.5	7,500lbf	2.5%	Red/White	200'; 600'; 1,200'	10-611-XX-511
11mm	5.5	7,500lbf	2.5%	Lime/Green	200'; 600'; 1,200'	10-611-XX-F44
11mm	5.5	7,500lbf	2.5%	Purple/Yellow	200'; 600'; 1,200'	10-611-XX-R33
13mm	7.5	9,400lbf	2.5%	White/Red	200'; 600'; 1,200'	10-613-XX-150
13mm	7.5	9,400lbf	2.5%	Black	200'; 600'; 1,200'	10-613-XX-200
13mm	7.5	9,400lbf	2.5%	Black/Red	200'; 600'; 1,200'	10-613-XX-255
13mm	7.5	9,400lbf	2.5%	Red/White	200'; 600'; 1,200'	10-613-XX-511
13mm	7.5	9,400lbf	2.5%	Lime/Green	200'; 600'; 1,200'	10-613-XX-F44
13mm	7.5	9,400lbf	2.5%	Purple/Yellow	200'; 600'; 1,200'	10-613-XX-R33
16mm	10.8	13,000lbf	2.5%	White/Black	200'; 600'	10-616-XX-120
16mm	10.8	13,000lbf	2.5%	Black	200'; 600'	10-616-XX-200

*Rated breaking strength is the optimum strength, achieved under laboratory conditions, in accordance with prescribed test procedures, on a new rope, pulling at a slow, steady rate in a straight line.

Applications

- Rappelling
- Rescue
- Life Safety

Features

- High strength, abrasion resistant & durable
- Non-rotating torque free design
- Static

Fiber Specifications

- UV resistant
- Excellent microbial resistance
- Melts at 254°C

Specifications may change without notice. We recommend referring to cancord.com for the most up to date information, or requesting a current specification sheet when ordering.



Revision 2025-01