

KM III

MADE IN 

KM III is an exceptional static rope for rappelling, caving, rescue, top roping, fixed rope applications, hauling, and life safety applications. The unique polyester sheath differentiates KM III from other static ropes. The polyester sheath is balanced with a nylon core to limit rotation, bouncing, and stretch. Thirty-two strands provide the correct sheath for the unique demands of static rope and the optimum sheath/core ratio. This allows for an incredibly smooth sheath, higher tensile strengths, and superior handling characteristics.

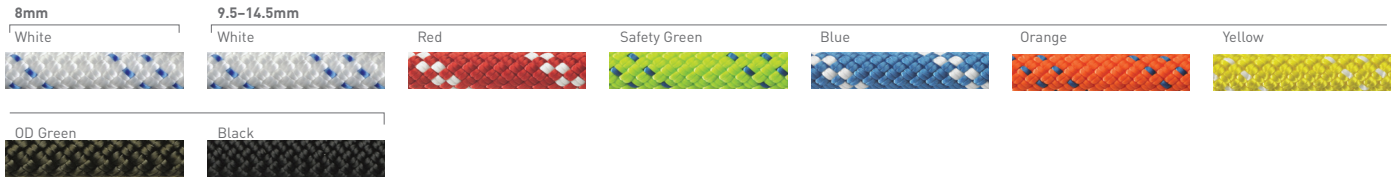
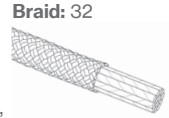


Features

- ✓ 32-Strand sheath for optimum sheath / core ratio
- ✓ Polyester over nylon with a balanced torque free construction
- ✓ Excellent handling and knot holding characteristics
- ✓ High abrasion resistance
- ✓ Excellent UV protection

Specifications

Core: Nylon
Cover: Polyester
Standard: EN 1891 B (8.0mm, 9.5mm)
 EN 1891 A (10mm, 10.5mm, 11mm, 13mm)
 NFPA 1983 (8.0mm, 9.5mm, 11.0mm, 13.0mm, 14.5mm)



CE test results per EN 1891

Ø	Weight		Shrinkage	Elongation 50-150 kg	Min. breaking strength						Cover		
	mm	inch			g/m	lbs/100'	Free length		With figure 8 knot			Sewn	
			%	%	daN	lbf	daN	lbf	daN	lbf	daN	lbf	%
8.0	5/16	59.5	4.00	< 5	3.50	2,135	4,800	1,200	2,695	1,200	2,695	51	
9.5	3/8	65.5	4.40	< 5	3.50	2,700	6,070	1,200	2,695	1,200	2,695	48	
10.0	N/A	72.0	4.84	< 5	2.20	2,700	6,070	1,500	3,370	1,500	3,370	48	
10.5	N/A	85.0	5.71	< 5	2.20	3,000	6,750	1,500	3,370	1,500	3,370	48	
11.0	7/16	86.3	5.80	< 5	2.20	3,510	7,900	1,500	3,370	1,500	3,370	46	
13.0	1/2	117.5	7.90	< 5	1.80	4,600	10,350	1,500	3,370	1,500	3,370	47	
14.5	5/8	151.8	10.20	< 5	1.30	5,100	11,465	1,500	3,370	1,500	3,370	46	

NFPA test results

Ø	Elongation			Approved class	
	mm	inch	at 1.35 kN (%)		at 2.7 kN (%)
8.0	5/16	4.30	7.60	11.30	Escape rope
9.5	3/8	3.50	6.20	9.20	Technical use
10.0	N/A	1.80	4.20	6.70	Technical use
10.5	N/A	3.90	7.00	9.70	Technical use
11.0	7/16	2.40	4.20	6.30	Technical use
13.0	1/2	2.80	4.50	7.00	General use
14.5	5/8	2.50	3.40	5.20	General use