

Technical Info on PMI Rope and Cordage

Static Kernmantle (EZ Bend, Max-Wear & All Sport/Pit Ropes)

Diameter (inches)/(mm)	5/16" / 9mm	3/8" / 10mm	7/16" / 11mm	1/2" / 12.5mm	5/8" / 16mm
Weight (lbs per 100')	3.5 lbs	4.4 lbs	5.3 lbs	6.9 lbs	9.7 lbs
MBS (lbf)/(kN)	4720lbf / 21kN	6070lbf / 27kN	6744lbf / 30kN	9700lbf / 43kN	15000lbf / 66.7kN
Elongation (at 300 lbf)	2.5%	1.8%	1.8%	1.0%	1.2%
Certification	NFPA 1983 E	NFPA 1983 L	NFPA 1983 L	NFPA 1983 G	NFPA 1983 G

Accessory Cord

2MM	3MM	4MM	5MM	6MM	7MM	8MM	9MM
150 lbf	400 lbf	850 lbf	1300 lbf	1685 lbf	2400 lbf	3010 lbf	3650 lbf
0.7 kN	1.8 kN	3.8 kN	5.8 kN	7.5 kN	10.7 kN	13.4 kN	16.2 kN

Personal Escape Rope

	Static	7.5mm PER	PER Element
Diameter (inches)/(mm)	5/16" / 9mm	7.5mm	7.5mm
Weight (lbs per 100')	3.5 lbs	2.6 lbs	2.97 lbs
MBS (lbf)/(kN)	4720lbf // 21kN	3820lbf./ 17kN	4720lbf / 21kN)
Elongation (at 300 lbf)	2.5%	5.7%	3.1%
Certification	NFPA 1983 E	NFPA 1983 E	NFPA 1983 E

Isostatic

Diameter (inches)/(mm)	7/16" / 11mm	1/2" / 13mm
Weight (lbs per 100')	6.4 lbs	8.3 lbs
MBS (lbf)/(kN)	6970lbf / 31kN	9440lbf /42kN
Elongation (at 300 lbf)	1.2%	0.7%
Certification	NFPA 1983	NFPA 1983

Water Rescue

Diameter (inches)/(mm)	5.5mm Navigator	7mm Navigator	7mm Throw Rope	3/8" / 10mm Throw
Weight (lbs per 100')	1.1 lbs	1.5 lbs	2.2 lbs	4.1 lbs
MBS (lbf)/(kN)	2000 lbf / 8.9 kN	3300 lbf / 14.8 kN	1900 lbf / 8.45 kN	3600 lbf / 16 kN
Elongation (at 300 lbf)	n/a	n/a	1.2%	0.8%