

Marlow[®] DATASHEET

EXCEL MARSTRON+

Excel Marstron has been upgraded in 2012 to Excel Marstron +. The rope now has a blended polypropylene and Dyneema cover to extend the abrasion resistance of the line through cleats and ratchet block.



Key Specifications:

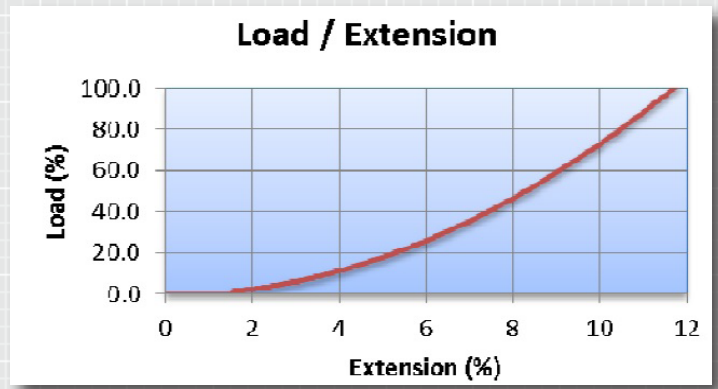
Application:	Sheets, Floating Ropes
Material:	Polypropylene Core 16 Plait Polypropylene
Construction:	8 Strand Braided core construction 16 Plait Braided cover construction
Relative Density:	0.93 (Floats) Exact figure varies with diameter
Chemical Resistance:	Excellent resistance to most chemicals (additional information available on request)
Melting Point:	140°C
Critical Temperature:	80°C (exposure to temperatures over this will result in strength loss)

ELONGATION

Typical working elongation (for a bedded in a rope):

@ 10% of break load: 3.7%

@ 20% of break load: 5.3%



PERFORMANCE

DIAMETER	CIRCUMFERENCE	MASS		AVERAGE STRENGTH			MIN STRENGTH		
		g/m	lb/100 ft	kg	lb	kN	kg	lb	kN
6	7/32	18.1	1.21	650	1430	6.4	585	1287	5.7
7	1/4	21.2	1.42	1026	2257	10.1	975	2145	9.6
8	5/16	28.5	1.91	1092	2402	10.7	983	2163	9.6

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