

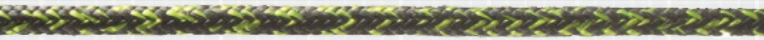
# Marlow<sup>®</sup> DATASHEET

## EXCEL RACING GP 78

MADE WITH BIO BASED  
DYNEEMA<sup>®</sup> FIBRE



Excel Racing GP 78 offers an upgraded cover to Excel Racing. The Technora/Polyester blended cover offers superb abrasion resistance and added grip both in wet hands and cleats.



### Key Specifications:

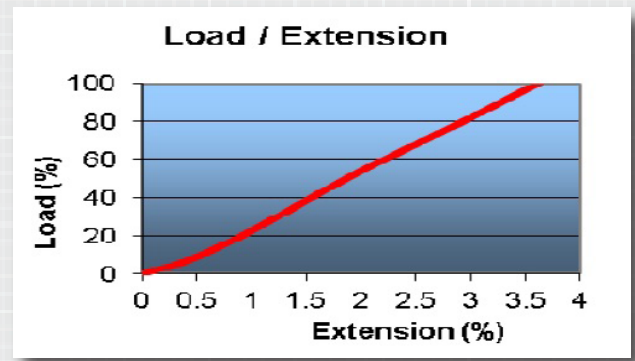
<b>Application:</b>	High Grip Lines, Control Lines, Halyards, Backstays
<b>Material:</b>	Dyneema <sup>®</sup> SK78 core Technora Polyester blend cover
<b>Construction:</b>	Twisted fibre construction 12 Strand Braided core construction 24 Plait Braided cover construction
<b>Relative Density:</b>	1.15 Exact figure varies with diameter
<b>Chemical Resistance:</b>	Excellent resistance to most chemicals (additional information available on request)
<b>Melting Point:</b>	140°C
<b>Critical Temperature:</b>	80°C ( exposure to temperatures over this will result in strength loss)
<b>Terminations:</b>	12 Strand core splice

**N.B. KNOTS WILL SIGNIFICANTLY REDUCE THE STRENGTH OF ANY ROPE. THIS PRODUCT WILL TYPICALLY RETAIN APPROXIMATELY 40% OF ITS STRENGTH IF TERMINATED WITH A KNOT. THE EXACT FIGURE WILL DEPEND ON THE TYPE OF KNOT USED AND OTHER FACTORS.**

## ELONGATION

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

- @ 10% of break load: 0.51%
- @ 20% of break load: 0.89%
- To break: 3.60%



## PERFORMANCE

DIAMETER		MASS		AVERAGE STRENGTH			MIN STRENGTH		
mm	Inch	g/m	lb/100 ft	kg	lb	kN	kg	lb	kN
4	5/32	11.2	0.75	995	2190	9.8	855	1880	8.4
5	3/16	19.5	1.31	1430	3160	14.1	1070	2360	10.5
6	7/32	27.2	1.82	2060	4530	20.2	1850	4080	18.1

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