

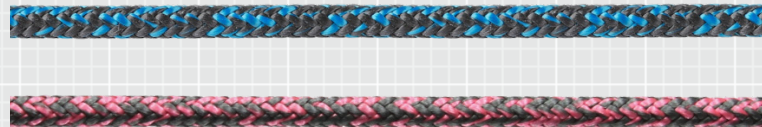
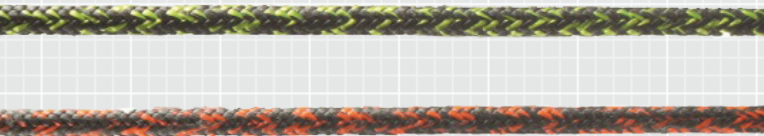
Marlow[®] DATASHEET

EXCEL RACING GP 78

MADE WITH BIO BASED
DYNEEMA[®] 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:

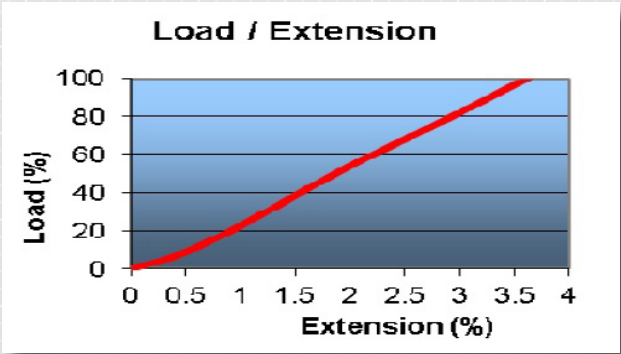
Application:	High Grip Lines, Control Lines, Halyards, Backstays
Material:	Dyneema [®] SK78 core Technora Polyester blend cover
Construction:	Twisted fibre construction 12 Strand Braided core construction 24 Plait Braided cover construction
Relative Density:	1.15 Exact figure varies with diameter
Chemical 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)
Terminations:	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

Marlow Ropes Ltd
Ropemaker Park
Hailsham
East Sussex, BN27 3GU
England
www.marlowropes.com

Marlow Ropes, Inc.
Cordage Business Park
Plymouth
MA 02360
USA

UK: +44 (0) 1323 444 444
sales@marlowropes.com
US: +1 508 830 444
salesusa@marlowropes.com



Disclaimer
Marlow Ropes Ltd endeavours to ensure that all products are manufactured to the highest standard, these guidelines are not intended and do not create any warranties, express or implied. Marlow Ropes Ltd expressly disclaims warranties or representations of any kind, express or implied, including the implied warranties of merchantability and fitness for a particular purpose. Marlow Ropes Ltd shall not be liable for any consequential, incidental or contingent damages whatsoever stemming from the use of these guidelines. Marlow Ropes Ltd has a policy of continual improvement which may result in specification and colour changes without prior notice.