

# Marlow

DATASHEET <sup>®</sup>

## D2 RACING 78



Light weight, low stretch and high strength using a colour coded D12 Dyneema® SK78 core, the popular D2 Racing has a hard-wearing polyester cover for easy handling and tapering, and is the ideal option across all applications on board.

As an engineered upgrade, D2 Racing can be used in a smaller size over a polyester halyard such as the Doublebraid thanks to the higher breakloads enabled by the use of Dyneema® in the core.



### MOTTLED COVERS NOW AVAILABLE!

RED & GREY | BLUE & GREY | GREEN & GREY | BLACK & GREY | LIME & GREY | ORANGE & GREY

### PERFORMANCE

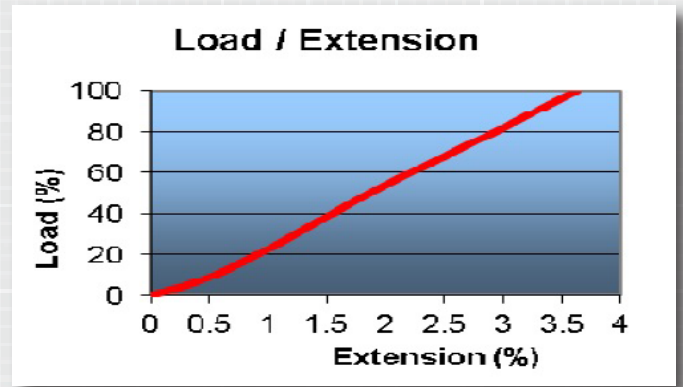
DIAMETER		MASS		AVERAGE STRENGTH			MIN STRENGTH		
mm	Inch	g/m	lb/100 ft	kg	lb	kN	kg	lb	kN
8	5/16	39	2.62	3490	7670	34.2	3140	6900	30.8
10	13/32	59.2	3.97	5360	11800	52.6	4930	10800	48.4
12	15/32	92.9	6.23	6940	15300	68.1	6250	13700	61.3
14	9/16	117	7.82	9270	20400	91.0	8530	18800	83.7
16	5/8	166	11.13	12800	28160	126	11600	25600	114
18	3/4	185	12.42	15900	34900	155	14300	31400	140

## ELONGATION

Typical working elongation (for a bedded in rope):

@ 10% of break load: 0.51%

@ 20% of break load: 0.89%



### Key Specifications:

**Applications:** Halyards, Sheets, Reefing lines, Runner-Tails, Control Lines, Out/ Downhauls, Vang, Furlers.

**Material:** Dyneema® SK78 core and Polyester cover

**Construction:** 24 plait

**Relative Density:** 1.15 Exact figure varies with diameter

**Chemical Resistance:** Excellent resistance to most chemicals (additional information available on request).

**UV Resistance:** Good

**Melt Point:** Core: 140°C- Cover: 260°C (Polyester), 500°C (Technora)

**Critical Temperature (Core):** 80°C

**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.**