

Marlow DATASHEET®

EXCEL FUSION

Excel Fusion - the dinghy sheet of champions. Strong abrasion resistance, lightweight, flexible and with zero water absorption. Excel Fusion benefits from a light weight polypropylene and Dyneema® cover, ensuring longevity through the cleats and ratchet blocks. The pre-stretched Dyneema® core ensures minimal stretch and fantastic control.

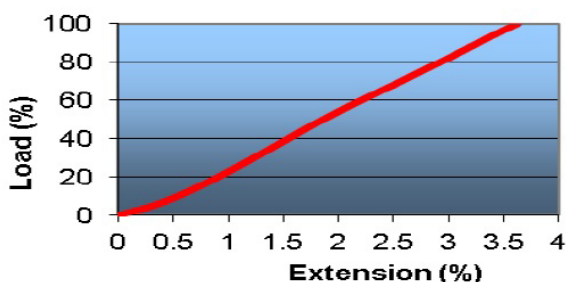


DIAMETER		MASS		AVERAGE STRENGTH			MIN STRENGTH		
mm	Inch	g/m	lb/100 ft	kg	lb	kN	kg	lb	kN
6	7/32	17	1.14	1088	2394	10.7	1001	2202	9.8
7	1/4	22	1.48	1333	2933	13.1	1226	2698	12.0
8	5/16	30	2.01	1411	3104	13.8	1298	2856	12.7
10	3/8	44	2.95	2472	5438	24.3	2274	5003	22.3

Key Specifications:

Material:	Dyneema® SK78
Construction:	12 standard and 16 plait braided cover
Colour:	Red, blue, black
Lengths:	100m , 200m
Relative Density:	0.95(Floats) Exact figure varies with diameter
Chemical Resistance:	Excellent Resistance to most chemicals
UV Resistance:	Good
Melting Point:	140 °C
Spliceability:	Core can be spliced by D12 method

Load / Extension



ELONGATION

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

- @ 10% of break load: 0.5%
- @ 20% of break load: 0.9%
- To break: 3.6%



Certification Number 315
ISO 9001