

# Marlow DATASHEET<sup>®</sup>

## EXCEL VECTRAN

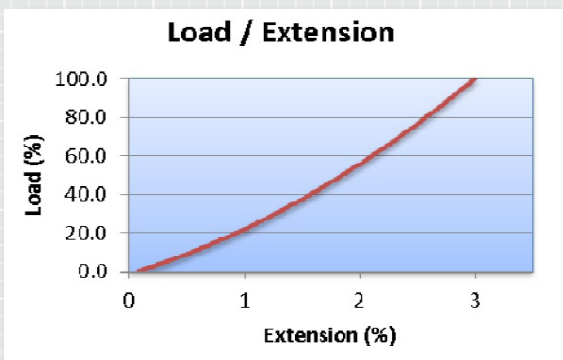
Low stretch and zero creep maintains sail set even when fully loaded over extended periods. Polyester cover grips well in cleats.



DIAMETER		CIRCUMFERENCE		MASS		AVERAGE STRENGTH			MIN STRENGTH		
mm	Inch	g/m	lb/100 ft	kg	lb	kN	Kg	lb	kN		
1.5	1/16	1.9	0.13	119	262	1.2	107	236	1.1		
2	3/32	3.2	0.21	257	564	2.5	231	508	2.3		
3	1/8	6.7	0.45	329	723	3.2	296	651	2.9		
4	5/32	11.7	0.78	717	1580	7.0	645	1420	6.3		

Ropes designed in accordance with ISO 10325:2018

Linear MBL refers to unspliced ropes determined in accordance with ISO2307:2019



### Key Specifications:

<b>Material:</b>	Vectran
<b>Construction:</b>	Twisted fibre, braided core and 16 plait cover
<b>Relative Density:</b>	1.4 Exact figure varies with diameter
<b>Chemical Resistance:</b>	Good resistance to most chemicals (additional information available on request)
<b>UV Resistance:</b>	Good
<b>Melting Point:</b>	Cover 260°C / Core 350 °C

### ELONGATION

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

- @ 10% of break load: 0.5%
- @ 20% of break load: 0.9%
- To break: 3.0%

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