

# Marlow<sup>®</sup> DATASHEET

## EXCEL PRO LEISURE MARINE

All polyester rope, ideal for most applications on a dinghy. The twisted long lay core provides a low stretch option for halyards. The hard wearing brightly coloured cover is ideal for sheets in larger diameters and control lines when using small diameters.



### APPLICATIONS

Halyards, Sheets, Control Lines, Kickers, Backstays, Out/Downhauls

### MATERIAL

#### CORE:

Manufactured from high tenacity Polyester  
Unaffected by water  
Low creep  
Zero shrinkage  
Low water absorption

#### COVER:

Manufactured from high tenacity Polyester  
Good UV resistance  
Good abrasion and heat resistance

### CONSTRUCTION

#### TWISTED FIBRE CONSTRUCTION:

Improved abrasion resistance

#### TWISTED CORE CONSTRUCTION:

Optimised pitch to yarn twist - improves strength and longevity  
Firmer rounder rope, aids handling

#### 16 PLAIT COVER CONSTRUCTION:

Flexible product and easily handled  
Protects load bearing core from dirt and abrasion  
Round and firm construction

## PROPERTIES

<b>RELATIVE DENSITY:</b>	1.38 Exact figure varies with diameter
<b>CHEMICAL RESISTANCE:</b>	Excellent resistance to most chemicals (additional information available on request)
<b>UV RESISTANCE:</b>	Good
<b>MELTING POINT:</b>	260°C
<b>CRITICAL TEMPERATURE:</b>	N/A

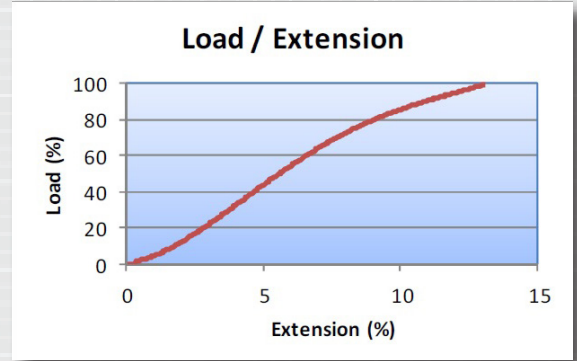
## TERMINATIONS

<b>SPliced EYE TERMINATION:</b>	N/A
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## ELONGATION

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

- @ 10% of break load: 1.7%
- @ 20% of break load: 2.8%
- To break: 13.0%



## PERFORMANCE

DIAMETER		CIRCUMFERENCE		MASS		AVERAGE STRENGTH			MIN STRENGTH		
mm	Inch	g/m	lb/100 ft	kg	lb	kN	kg	lb	kN		
2	3/32	2.7	0.18	110	242	1.1	99	218	1.0		
3	1/8	6	0.40	202	444	2.0	182	400	1.8		
4	5/32	10.7	0.72	377	829	3.7	339	746	3.3		
5	3/16	21.5	1.44	702	1544	6.9	632	1390	6.2		
6	7/32	26.8	1.80	986	2169	9.7	887	1952	8.7		

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