

# Marlow<sup>®</sup> DATASHEET

## 8 PLAIT MARSTRON

8 Plait Marstron manufactured from polypropylene and is ideal as a floating rope. It is light-weight, does not absorb water, remains flexible and soft to handle. The bright colours are highly visible in murky water.



### Key Specifications:

<b>Applications:</b>	Floating lines, Heaving lines, Throwline
<b>Material:</b>	Polypropylene
<b>Construction:</b>	Twisted fibre Construction 8 Strand Braided core 8 plait Braided cover
<b>Colours:</b>	Orange and yellow
Relative Density:	0.93 (Floats) Exact figure varies with diameter
Chemical Resistance:	Good resistance to most chemicals (additional information available on request)
Melting Point:	165°C
Critical Temperature:	120°C (exposure to temperatures over this will result in permanent strength loss).

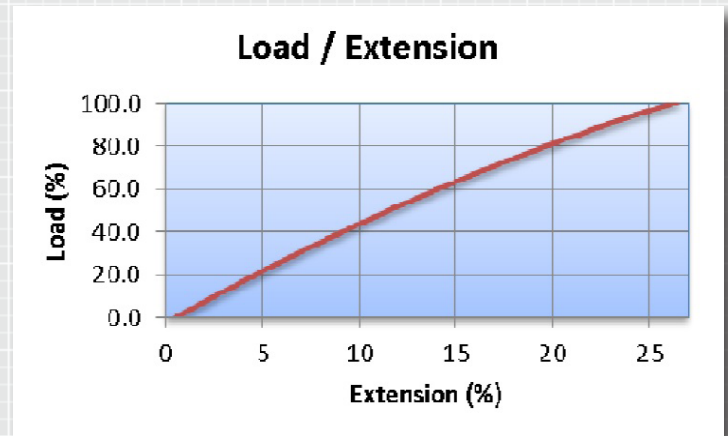
## ELONGATION

Typical working elongation (for a bedded in rope):

@ 10% of break load: 2.5%

@ 20% of break load: 4.6%

To break: 21.2%



## PERFORMANCE

DIAMETER	CIRCUMFERENCE	MASS		AVERAGE STRENGTH			MIN STRENGTH		
		mm	Inch	g/m	lb/100 ft	kg	lb	kN	kg
5	3/16	12.5	0.84	411	904	4.0	320	704	3.1
6	7/32	17.6	1.18	499	1098	4.9	400	880	3.9
8	5/16	27	1.81	645	1419	6.3	610	1342	6.0
9	3/8	36	2.41	1242	2732	12.2	820	1804	8.0
10	13/32	50	3.35	1530	3366	15.0	1130	2486	11.1

Marlow Ropes Ltd  
Ropemaker Park  
Hailsham  
East Sussex, BN27 3GU  
England

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



[www.marlowropes.com](http://www.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.

Certificate Number 315  
ISO 9001  
ISO 14001