

Marlow[®] DATASHEET

8 PLAIT MARSTRON

8 Plait Marstron manufactured from polypropylene and is ideal as a floating rope. It is light-weight, high visibility floating line. Soft and easily handled, 8 plait Marstron is ideal for rescue throw lines, tow ropes and painters.



APPLICATIONS

Floating Lines, Heaving Lines, Throw Line

MATERIAL

CORE:

Manufactured from Polypropylene
Very light weight

COVER:

Very low water absorption
Manufactured from Polypropylene
Very light weight
Very low water absorption

CONSTRUCTION

TWISTED FIBRE CONSTRUCTION:

Improved abrasion resistance

8 STRAND BRAIDED CORE CONSTRUCTION:

Firmer rounder rope, aids handling
Flexible product and easily handled
Torque balanced

8 PLAIT BRAIDED COVER CONSTRUCTION:

Protects core from dirt and abrasion
Round and firm construction
High Grip profile

PROPERTIES

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)

TERMINATIONS

SPLICED EYE TERMINATION:

N/A

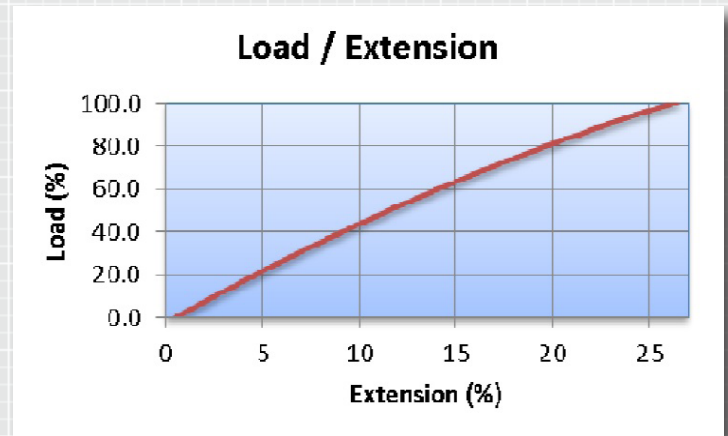
ELONGATION

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	lb	kN		
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

www.marlowropes.com
UK: +44 (0) 1323 444 444
sales@marlowropes.com
US: +1 508 830 444
salesusa@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.

MA-DA-005 | ISSUE NO.2



Certification Number 315

ISO 9001