

# 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.



### 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

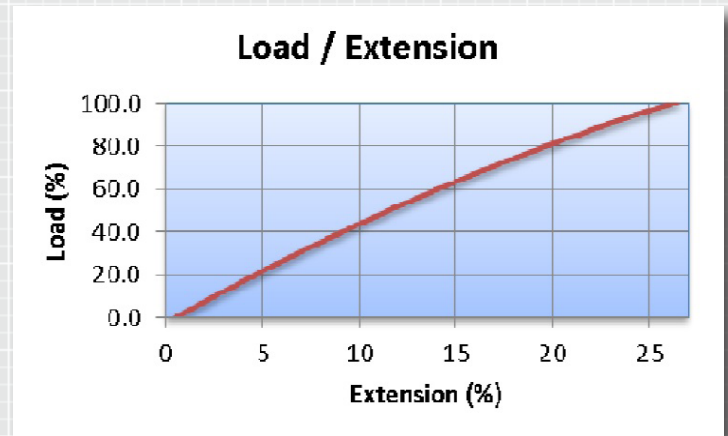
## ELONGATION

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		

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