

# Marlow®

## DATASHEET

### EXCEL MARSTRON +

Excel Marstron has been upgraded in 2012 to Excel Marstron +. The rope now has a blended polypropylene and Dyneema cover to extend the abrasion resistance of the line through cleats and ratchet blocks.



#### APPLICATIONS

Sheets, Floating Ropes

#### MATERIAL

##### CORE:

Manufactured from Polypropylene  
Very light weight

Low water absorption

##### COVER:

Manufactured from Dyneema Polypropylene blend

Good abrasion

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

##### 16 PLAID BRAIDED

##### COVER CONSTRUCTION:

Protects core from dirt and abrasion

Round and firm construction

Smooth profile while maintaining grip

#### PROPERTIES

##### RELATIVE DENSITY:

0.93 (Floats) Exact figure varies with diameter

##### CHEMICAL RESISTANCE:

Excellent resistance to most chemicals

(additional information available on request)

##### MELTING POINT:

140°C

##### CRITICAL TEMPERATURE:

80°C (exposure to temperatures over this will result in permanent strength loss)

## TERMINATIONS

SPLICED EYE TERMINATION:

N/A

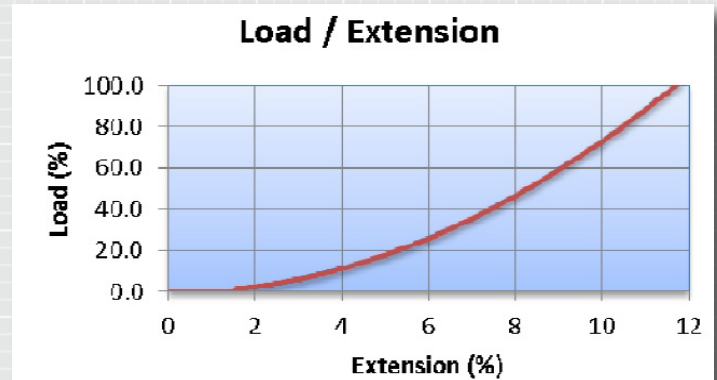
## ELONGATION

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

@ 10% of break load: 3.7%

@ 20% of break load: 5.3%

To break: 11.7%



## PERFORMANCE

DIAMETER		CIRCUMFERENCE		MASS		AVERAGE STRENGTH			MIN STRENGTH		
mm	Inch	g/m	lb/100 ft	kg	lb	kN	kg	lb	kN		
6	7/32	18.1	1.21	650	1430	6.4	585	1287	5.7		
7	1/4	21.2	1.42	1026	2257	10.1	975	2145	9.6		
8	5/16	28.5	1.91	1092	2402	10.7	983	2163	9.6		

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