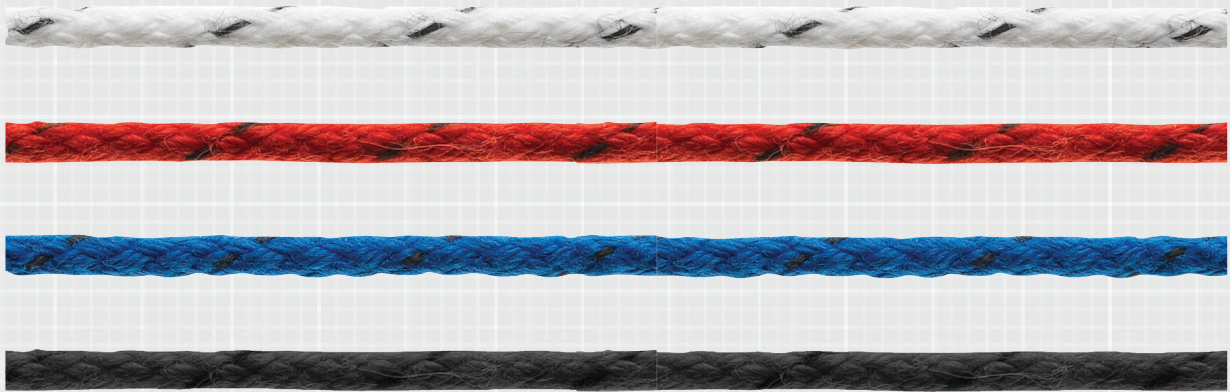


Marlow[®] DATASHEET

8 PLAIT MATT

The soft 8 plait spun-staple polyester cover makes this rope perfect for comfortable handling. The high strength core is made from low-twist, low-stretch continuous filament polyester. This rope is ideal for dinghy cruising in the ultimate comfort.



APPLICATIONS

Sheets, Control Lines

MATERIAL

CORE:

Manufactured from continuous filament Polyester

Unaffected by water

Low creep

Zero shrinkage

COVER:

Manufactured from spun staple 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 & longevity

Firmer rounder rope, aids handling

Flexible product and easily handled

8 PLAIT COVER CONSTRUCTION:

Protects load bearing core from dirt and abrasion

Round and firm construction

PROPERTIES

RELATIVE DENSITY:

1.38 Exact figure varies with diameter.

CHEMICAL RESISTANCE:

Excellent resistance to most chemicals

(additional information available on request)

UV RESISTANCE:

Good

MELTING POINT:

260°C

CRITICAL TEMPERATURE:

N/A

TERMINATIONS

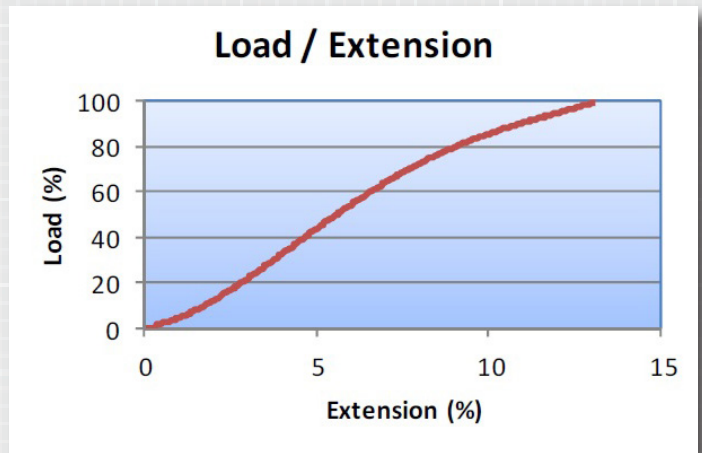
SPLICED EYE TERMINATION:

N/A

ELONGATION

Typical working elongation (for a bedded in 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		
4	5/32	13	0.87	293	645	2.9	240	528	2.4		
5	3/16	20	1.34	415	913	4.1	310	682	3.0		
6	7/32	25	1.68	550	1210	5.4	470	1034	4.6		
8	5/16	40	2.68	889	1956	8.7	820	1804	8.0		
10	13/32	60	4.02	1443	3175	14.2	1060	2332	10.4		

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