

Marlow®

DATASHEET

EXCEL CONTROL

The ultimate continuous control line for dinghies. Easy to splice continuous loops with no diameter change. Technora/Polyester cover provides strength, grip and abrasion resistance.



APPLICATIONS

Dinghy control lines

MATERIAL

CORE:

Manufactured from Polypropylene
Very light weight

COVER:

Low water absorption
Manufactured from alternating Technora & Polyester
Good UV resistance
Excellent abrasion and heat resistance

CONSTRUCTION

TWISTED FIBRE CONSTRUCTION:

Improved abrasion resistance

8 STRAND BRAIDED

CORE CONSTRUCTION:

Optimised pitch to yarn twist - improves strength & longevity
Firmer rounder rope, aids handling
Easy to splice
Flexible product and easily handled
Torque balanced

16 PLAIT COVER CONSTRUCTION:

Protects load bearing core from dirt and abrasion
Round and firm construction

PROPERTIES

RELATIVE DENSITY:

1.2 Exact figure varies with diameter

CHEMICAL RESISTANCE:

Excellent resistance to most chemicals
(additional information available on request)

UV RESISTANCE:

Good

MELTING POINT:

240°C

CRITICAL TEMPERATURE:

140°C (exposure to temperatures over this will result in permanent strength loss)

TERMINATIONS

SPliced EYE TERMINATION:

Splicing instructions available online - www.marlowropes.com

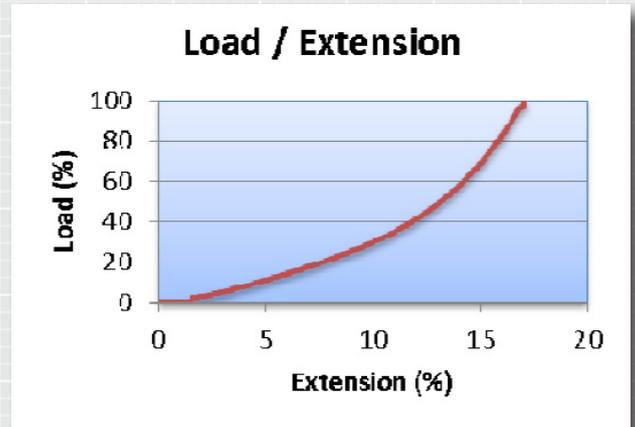
ELONGATION

Typical working elongation:

@ 10% of break load: 4.40%

@ 20% of break load: 7.60%

To break: 17.0%



PERFORMANCE

DIAMETER		CIRCUMFERENCE		MASS		AVERAGE STRENGTH			MIN STRENGTH		
mm	Inch	g/m	lb/100 ft	kg	lb	kN	kg	lb	kN		
4	5/32	10.2	0.68	477.8	1051	4.7	460	1013	4.5		
5	3/16	15.9	1.07	765.2	1683	7.5	755.7	1663	7.4		

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