

Winch Line

- Dyneema® 12 Strand Armourcoated

Special Features

Lightweight
High Strength
Pre-Stretched and Heat set
Quick and easy to splice
No water absorption, will float
Marlow Armourcoated with UV and abrasion protection

Other Applications

Winch Lines
Lifting
General Rigging



UV Resistance

50% strength retention after 3 years

Standard Lengths

100m & 200m reels

Recommended Splice

Easily spliced using 12 strand method

Chemical Resistance*

Very Good resistance to Acids and Alkalies

Part Number Ref.

TY****

Colours

Silver

Sheave Diameters

10:1 or ten times rope diameter

Working Loads

Maximum loads should not exceed 50% of the breakload published.

Normal expected working loads should not exceed 20 - 30% of the break load published.

As a guide working loads can be calculated using formulas available on request.

Dyneema® is a registered trademark of DSM

Relative Density to H₂O

0.97

Critical Temperatures

Melts at 152°C

* more detailed information available on "Technical Data - Material" sheet

Marlow Ropes Ltd South Road, Hailsham, East Sussex, BN27 3JS, England

Tel : +44(0)1323 847234

e-mail : technical@marlowropes.com

Fax : +44(0)1323 440093

Website : www.marlowropes.com

Winch Line

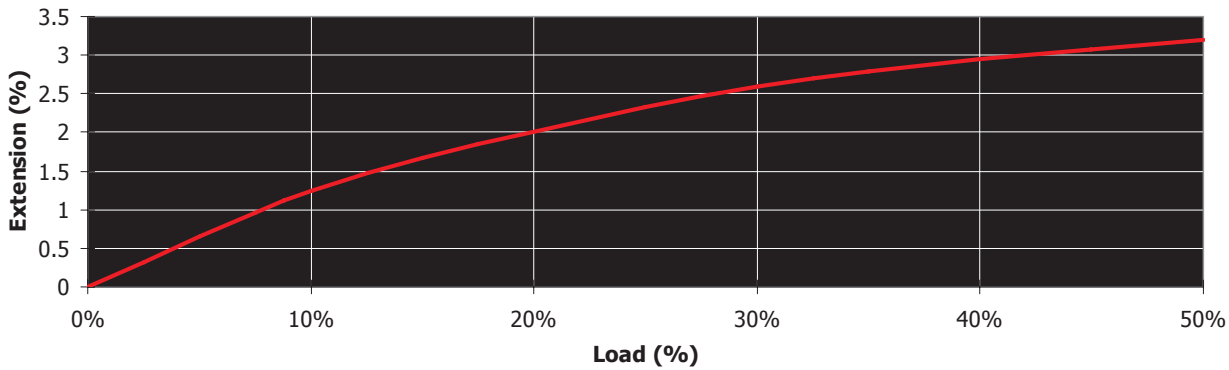
Technical Data

Marlow

Sizes / Breaks / Weights

Diameter		Spliced Break Load		Rope Break Load		Weight	
(mm)	(Inches)	(kg)	(lbs)	(kg)	(lbs)	(kg/100m)	(lbs/100ft)
6	7/32	3200	7055	3520	7760	1.78	1.19
8	5/16	6480	14286	7128	15714	3.31	2.22
9	3/8	7810	17218	8591	18940	4.07	2.73
10	13/32	9851	21718	10836	23889	5.08	3.41
11	7/16	11970	26389	13167	29028	6.10	4.09
12	1/2	13690	30181	15059	33199	7.12	4.78

Load Vs Extension Characteristics



Additional Notes:

Disclaimer

Marlow Ropes Ltd endeavor to ensure that all rope 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.

Winch Line

