

3 Strand Polyester

● 3 Strand High Tenacity Polyester

Special Features

No strength loss when wet
Good abrasion resistance
Flexible and soft to handle
Easy to splice

Yachting Applications

Anchor Lines
Mooring Lines
Lanyards
Fenders
Fender Lines

Other Applications

General Rigging
General Purpose

Relative Density to H₂O

1.38

Critical Temperatures

Melts at 260°C



UV Resistance

50% strength retention after 3+ years

Standard Lengths

100m & 200m reels

Recommended Splice

Easily spliced using 3 strand method

Chemical Resistance*

Good resistance to Acids and Alkalies

Part Number Ref.

AB**** White
AA**** Coloured

Colours

White, Black & Navy Blue

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.

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

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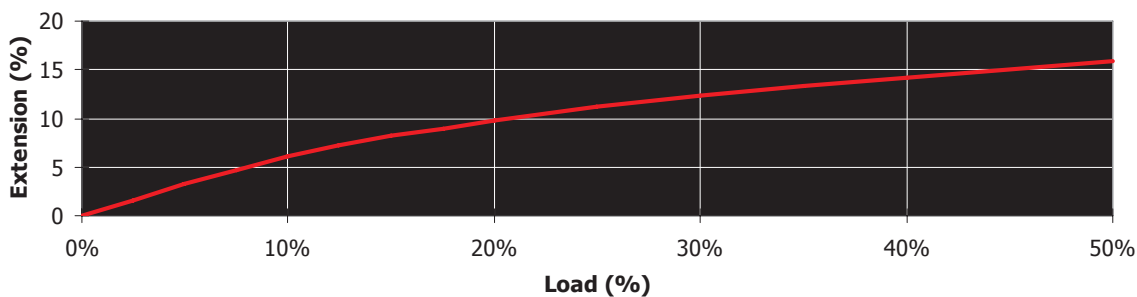
Technical Data

Marlow

Sizes / Breaks / Weights

| Diameter | | Ave Break Load | | Min Break Load | | Weight | |
|----------|----------|----------------|-------|----------------|-------|--------------|-------------|
| (mm) | (Inches) | (kg) | (lbs) | (kg) | (lbs) | (kg/100m) | (lbs/100ft) |
| 4 | 5/32 | 529 | 1166 | 300 | 660 | 1.24 | 0.83 |
| 6 | 7/32 | 968 | 2134 | 560 | 1232 | 2.91 | 1.96 |
| 8 | 5/16 | 1920 | 4233 | 1020 | 2244 | 5.10 | 3.43 |
| 10 | 7/16 | 1740 | 3836 | 1590 | 3498 | 8.05 | 5.41 |
| 12 | 1/2 | 3170 | 6989 | 2270 | 4994 | 11.60 | 7.79 |
| 14 | 9/16 | 4380 | 9656 | 3180 | 6996 | 15.70 | 10.55 |
| 16 | 5/8 | 4540 | 10009 | 4060 | 8932 | 20.50 | 13.78 |
| 18 | 3/4 | 7270 | 16027 | 5080 | 11176 | 26.00 | 17.47 |
| 20 | 13/16 | 7770 | 17130 | 6350 | 13970 | 31.90 | 21.44 |
| 24 | 1 | 11210 | 24714 | 9130 | 20086 | 46.00 | 30.91 |
| 28 | 1 1/8 | 14640 | 32275 | 12230 | 26906 | 62.80 | 42.20 |
| 32 | 1 1/4 | 18840 | 41535 | 15700 | 34540 | 82.00 | 55.10 |

Load Vs Extension Characteristics



Additional Notes:

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