

## Excel Racing

- Dyneema® 8 Strand core (6mm 12 Strand)
- Polyester High Tenacity 16 plait cover

## Special Features

Lightweight  
High Strength  
Cover can be stripped  
Once stripped rope will float

## Yachting Applications

Halyards  
Sheets  
Reefing Lines  
Uphauls/Out hauls/Down hauls  
Vang/Kicker  
Control Lines  
Runners  
Ties/lashings

## Other Applications

Winch Lines  
Lifting  
General Rigging

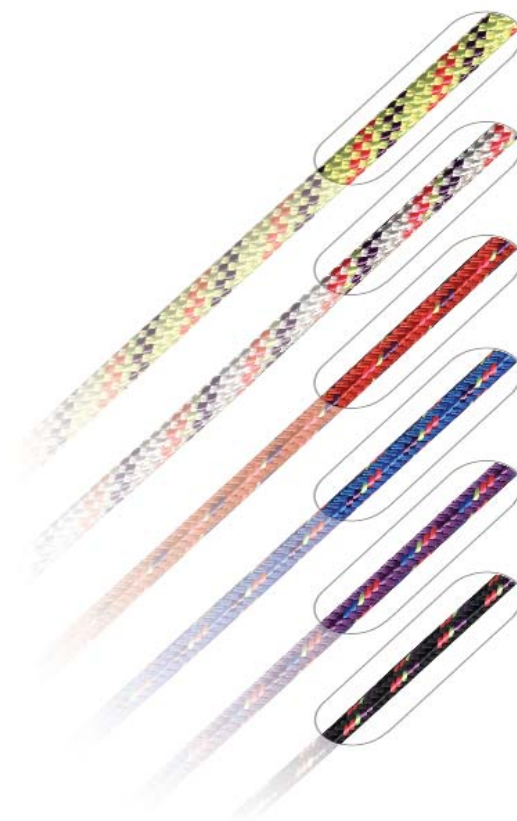
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## Relative Density to H<sub>2</sub>O

Cover: 1.38  
Core: 0.97

## Critical Temperatures

Cover: Melts at 260°C  
Core: Melts at 152°C



## UV Resistance

**Cover:** 50% strength retention after 3+ years  
**Core:** 50% strength retention after 3 years

## Standard Lengths

100m & 200m reels

## Recommended Splice

**Covered eye:** No splice knotting only.  
**Uncovered eye:** 4mm to 6mm can be spliced using 12 strand method  
**Taper:** 4mm to 6mm can be tapered using D2 method

## Chemical Resistance\*

**Cover:** Good resistance to Acids and Alkalies  
**Core:** Very Good resistance to Acids and Alkalies

## Part Number Ref.

KP\*\*\*\*

## Colours

Blue, Red, Purple, Black, White, Lime

**Note:** 1.5mm and 2mm are only available in Purple and Blue

## Sheave Diameters

8:1 or eight 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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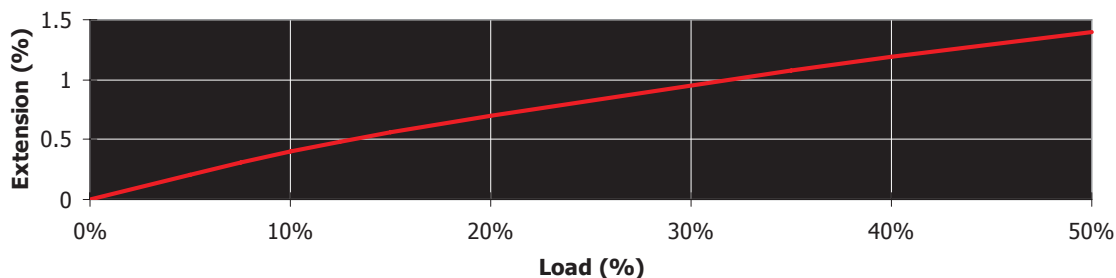
Fax : +44(0)1323 440093  
Website : www.marlowropes.com



## Sizes / Breaks / Weights

Diameter		Ave Break Load		Min Break Load		Weight	
<b>1.5</b>	1/16	<b>121</b>	267	<b>108</b>	267	<b>0.15</b>	0.10
<b>2</b>	1/12	<b>179</b>	395	<b>139</b>	306	<b>0.34</b>	0.23
<b>3</b>	1/8	<b>320</b>	705	<b>207</b>	456	<b>0.60</b>	0.40
<b>4</b>	5/32	<b>851</b>	1876	<b>500</b>	1102	<b>1</b>	0.67
<b>5</b>	3/16	<b>1218</b>	2685	<b>840</b>	1852	<b>1.9</b>	1.28
<b>6</b>	7/32	<b>1806</b>	3982	<b>1702</b>	3752	<b>2.5</b>	1.68
(mm)	(Inches)	(kg)	(lbs)	(kg)	(lbs)	(kg/100m)	(lbs/100ft)

## Load Vs Extension Characteristics



### Additional Notes:

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