

Polypropylene Rope Technical Details**3-strand yarn construction Polypropylene****Diameter / Weight / Break Load**

Diameter	Weight per 220m (kg)	Break load (kg)
6mm	4	600
8mm	6	1,030
10mm	9	1,570
12mm	14	2,200
14mm	20	2,900
16mm	25	3,770
18mm	32	4,700
20mm	39	5,720
22mm	48	6,840
24mm	57	8,030
28mm	78	10,710
32mm	101	13,860
36mm	132	17,030

Break load for indication purposes only.

Note that break loads will reduce as a result of splicing, knotting, wear and age.

Resistance

Resistance	Description
UV resistance	Moderate
Abrasion resistance	Good
Rot & mould	Yes
Chemical	High resistance to most acids, alkalis. Good resistance to oil

Properties

Attribute	Description
Construction	Twisted 3-strand yarn construction
Fibre	Synthetic
Quality certified	ISO 9002
Appearance	White, yellow, orange, green, black. Smooth, shiny, synthetic
Feel	Hard, smooth, slippery surface
Handling	Very lightweight. Flexible. Can also be softened
Density	0.91
Strength (dry)	Strong, tough, durable all-round rope. Not as strong as Nylon or Polysteel
Strength (wet)	Same as when dry. No loss of strength.
Shock absorbency	Good
Elongation at break	Moderate
Stretch / elasticity	Low

Performance in water	Floats. Does not absorb water. Does not weaken or shrink when wet
Melting point	170°C
Electrical conductivity	Poor
Biodegradable?	No
Storage	Wet or dry
Knot retention	Low
Can be spliced?	Yes, easily
Can be cut?	Yes, but to avoid ends unravelling ends should be melted with flame. We can do this for you if ordered by the metre
Can be dyed?	No
Can be softened?	Yes, with water and fabric softener

For more information on any of the ropes we stock, contact us at:

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Or alternatively you can get in touch via LiveChat on the website.