



# Superbraid



## FEATURES

- Light weight UHMwPE core with High Tenacity Polyester cover provides high-strength with minimal stretch
- Treated with Donaghys Bindacoat on core to prevent core/cover slippage
- Specially engineered using state-of-the-art Mageba™ Thermofixation treatment
- Withstands shock loadings better than Aramids

## RANGE / SPECIFICATIONS

- 4mm - 24mm in 200m reels
- 12 plait core with 24 plait cover
- Black, Blue, Red or Green with Dark Grey Mottle

Size (MM) DIA	Core (MM) DIA	Break Force (kg)	Weight kg/100m
4mm	1	310	1
5mm	2	940	2
6mm	3	1400	3
8mm	5	3400	5
10mm	7	5700	7.5
12mm	9	9200	10.5
14mm	11	12000	14
16mm	12	16900	18
18mm	14	19800	22.5
20mm	17	29900	27
22mm	18	34700	32.5
24mm	20	45200	39.5

## APPLICATIONS

- Halyards
- Sheets
- Guys
- Control lines
- Out/downhauls
- Runner tails
- Vang
- Reefing and furling systems

### Larger sizes available on request

Other colours available to mottle on request include: Beige, Burgundy, Fluro Green, Fluro Orange, Pink, Purple, Yellow, Grey and White.

\* BreakForce based on unspliced rope.  
A spliced break is less 10% of the published BreakForce.

Fibre:Type	Description	Specific Gravity	Sensitive to	Resistant to	Heat Reaction	Strength & Elongation
<b>Polyester</b>	Continuous Filament	1.38	Alkalis, phenolic compounds, sulphuric acid	Most organic & mineral acids, organic solvents, bleaches & oxidising agents	Softens 228°C Melts 255°C	Equivalent wet/dry strength ratio. Elongation 35% at Break
<b>Stealth®</b> <small>Ultra High Molecular Weight Polyethylene (UHMWPE)</small>	Continuous Filament	0.97 g/cm <sup>3</sup>	Strong oxidising agents, Chlorosulfonic & Nitric acids at high temperatures. Slightly affected by Sodium Hydroxide (pH>14)	Most acids & alkalis, cold alcohols, ethers, esters, ketones & bleaches	Softens 144°C Melts 152°C	Equivalent wet/dry strength ratio. Elongation 4% at Break