



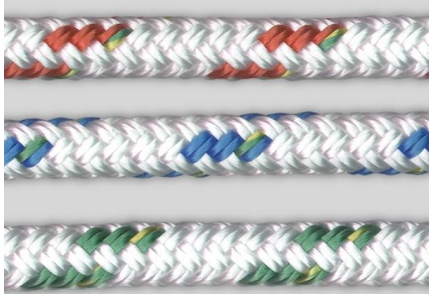
POLYESTER DOUBLE BRAID

Colours & Combinations

White base with – 2 flecks in

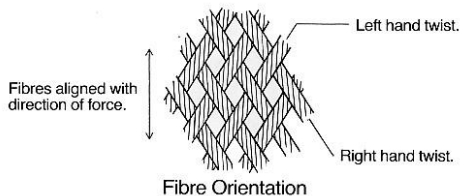
- Green -Red - Gold
- Blue - Red / Blue

Solid – white, red, black, blue & fluoro yellow.



Construction:

- Constructed of an open weave braided polyester core for strength, plus a tightly woven braided polyester cover for enhanced abrasion resistance. This helps in the prevention of snagging which distorts and crushes fibres causing fatigue and excessive rate of wear.
- The core and cover work in unison through a construction process called “fibre orientation”.
- “Fibre orientation” has been achieved by positioning the fibres of the braid to run as close as possible to parallel, with the force along the braid. This is achieved by balancing the twist of the fibres, as shown below.



Advantages / Characteristics

- High strength
- Low stretch
- Runs freely through vertical blocks without kinks, rotation & twists.
- High resistance to:
 - Most chemicals -U.V. Light -Abrasion
- Melts at 260°C
- Braids can be spliced retaining 80%-90% of original strength (c.f. knots at 50%)

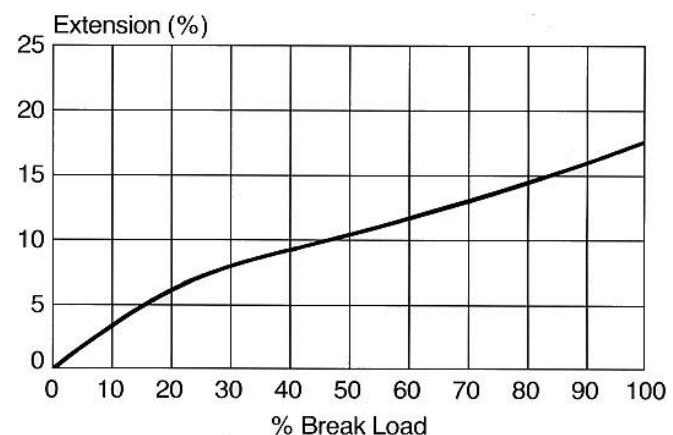
Uses:

- Sheets
- Halyards
- Spinnaker Guys
- Downhauls
- Reefing lines
- Furling systems
- Runners
- Anchor warps & Mooring lines
- Excellent general purpose braid for yachting, industrial & mining applications.
- Driving & control ropes
- Draw cords & cable pulling
- Horse leads & halters.

SPECIFICATIONS

Diameter (mm)	Average Breakload (kg)	Extension (stretch) at Breakpoint (%)	Weight (kg per 100 mts)
6	1050	16	3.15
8	1650	16	5.10
10	2650	17	8.00
12	4000	18	11.20
14	4800	18	15.50
16	6500	18	18.80
18	7800	18	21.40
20	9500	18	27.00
22	11000	18	33.40
24	13000	18	38.00

Load Elongation Curve – Polyester Double Braid.



Note: Splicing and knotting effects breakloads to varying degrees. Elongation is approximated and rounded to the nearest percent and may vary according to exact usage.