

Nylon Double Braid

Nylon Double Braid is the ideal option for applications that demand high strength and excellent shock absorption. Double Braid has good resistance to abrasion, sunlight and chemicals.

Its high elongation makes it the go-to choice for tasks involving shock loading, like anchor lines and mooring lines and cyclone hawsers.

Nylon Double Braid is delivered standard with an overlay marine finish.

Features

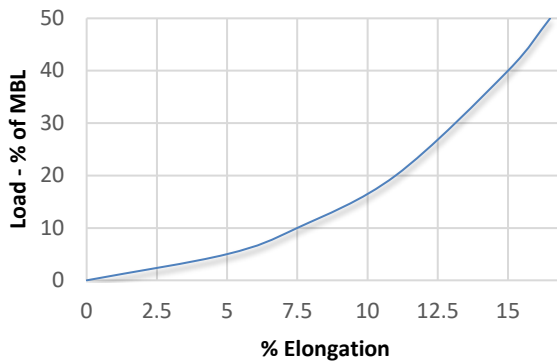
- Good UV Resistance
- High Abrasion Resistance
- Very high elongation for load dampening
- Perfect for cyclone hawser where high elongation is required
- Retained flexibility

Technical Information

Specific gravity	1.14
Melting point	215°C
Critical temp.	100°C
Elongation at break	21.8%
Coefficient of friction	0.10*
Floats/Sinks	Sinks
UV resistance	good
Wet abrasion	excellent
Dry abrasion	excellent

* value based on data supplied by the fibre manufacturer for new, dry fibre

Nylon Double Braid Elongation (%)



Nominal Diameter		Size Circ.	Approximate Weight	Minimum Tensile Strength Spliced	Minimum Tensile Strength ISO Unspliced
Inch	MM	Inches	Kg/ 100m	Tonnes (Te)	Tonnes (Te)
1/4"	6	3/4"	2.2	0.9	1.0
5/16"	8	15/16"	4.0	1.6	1.7
3/8"	10	1 1/8"	6.2	2.4	2.7
1/2"	12	1 1/2"	9.0	3.5	3.9
9/16"	14	1 3/4"	12.2	4.7	5.3
5/8"	16	2"	15.9	6.2	6.9
3/4"	18	2 1/4"	20.2	7.8	8.7
13/16"	20	2 1/2"	22.5	8.7	9.6
7/8"	22	2 3/4"	30.4	11.7	13.0
1"	24	3"	35.3	13.9	15.4
1 1/16"	26	3 1/4"	42.0	16.3	18.1
1 1/8"	28	3 1/2"	48.0	18.7	20.7
1 1/4"	30	3 3/4"	56.0	21.4	23.8
1 5/16"	32	4"	63.5	24.0	26.6
1 3/8"	34	4 1/8"	71.0	27.0	30.0
1 1/2"	36	4 1/2"	80.5	30.6	34.0
1 9/16"	38	4 3/4"	88.5	34.2	38.0
1 5/8"	40	5"	99.0	38.2	42.5
1 11/16"	42	5 1/4"	108.0	41.3	45.9
1 3/4"	44	5 1/2"	120.0	43.8	48.7
1 7/8"	46	5 5/8"	130.0	47.4	52.6
2"	48	6"	142.0	51.5	57.2
2 1/8"	52	6 1/2"	167.0	61.2	68.0
2 1/4"	56	7"	194.0	70.4	78.2
2 1/2"	60	7 1/2"	222.0	79.6	88.5
2 5/8"	64	8"	253.0	91.7	102.0
2 3/4"	68	8 1/2"	283.0	102.0	113.3
3"	72	9"	320.0	111.1	123.5
3 1/4"	80	10"	395.0	140.7	156.4
3 5/8"	88	11"	480.0	170.3	189.2
4"	96	12"	570.0	198.8	220.9
4 1/4"	104	13"	670.0	232.5	258.3
4 5/8"	112	14"	775.0	267.7	297.4
5"	120	15"	890.0	305.9	339.9