

**DOUBLE
BRAID
CONSTRUCTION**

Stable Braid

Product Code: **506 (Uncoated); 806 (Samthane Coated)**

Class I

A time proven, tough 100% polyester double braid with excellent controlled working elongation

FEATURES:

- > High wear and heat resistance
- > Excellent flex-fatigue service life
- > Firm flexibility
- > Low working elongation
- > Sizes above 5/8" have a Pro-Gard marine finish and conform to U.S. Military specification #MIL-DTL-24677

Samson Parallax construction orients all fibers to the axis of the rope for maximum strength and wear resistance. The braided core and cover both contribute to the strength and firm hand, while remaining fully spliceable. This product works very well on winch drums or has the non-rotational flexibility to be faked on deck for deep anchor deployment. It has shown its durability and stowage flexibility on traction winch towing applications utilizing below deck rope lockers. Stable Braid is a time proven, tough rope with excellent controlled working elongation.

APPLICATIONS:

- > Traction winch tow lines
- > Constant tension winch mooring lines
- > Secondary mooring lines
- > Deep water anchoring or lifting lines

**HIGH STRENGTH
POLYESTER
FIBER**

**DOUBLE BRAID
PARALLAY
CONSTRUCTION**



Size Diameter INCHES	Size Circumference INCHES	Weight Per 100 FT. POUNDS	SRT MBS* POUNDS	Size Diameter MILLIMETERS	Weight Per 100 M KILOGRAMS	SRT MBS* METRIC TONNES	ISO/BS EN919 MBS METRIC TONNES
1/4	3/4 in.	2.1	2,000 lbs.	6	3.1 Kg	0.89	0.99 MT
5/16	1 in.	3.2	3,100 lbs.	8	4.8 Kg	1.4	1.5 MT
3/8	1-1/8 in.	4.5	4,800 lbs.	9	6.7 Kg	2.2	2.4 MT
7/16	1-1/4 in.	6.1	6,500 lbs.	11	9.1 Kg	3.0	3.3 MT
1/2	1-1/2 in.	8.2	8,800 lbs.	12	12.2 Kg	4.0	4.5 MT
9/16	1-3/4 in.	11.0	11,300 lbs.	14	16.4 Kg	5.1	5.7 MT
5/8	2 in.	14.0	13,900 lbs.	16	20.8 Kg	6.3	7.0 MT
3/4	2-1/4 in.	18.0	17,300 lbs.	18	26.8 Kg	7.9	8.7 MT
7/8	2-3/4 in.	27.1	25,400 lbs.	22	40.3 Kg	11.5	12.8 MT
1	3 in.	34.0	33,300 lbs.	24	50.6 Kg	15.1	16.8 MT
1-1/8	3-1/2 in.	45.3	41,000 lbs.	28	67.4 Kg	18.6	20.6 MT
1-1/4	3-3/4 in.	53.9	48,700 lbs.	30	80.2 Kg	22.1	24.5 MT
1-5/16	4 in.	60.8	55,000 lbs.	32	90.5 Kg	24.9	27.7 MT
1-1/2	4-1/2 in.	73.3	63,800 lbs.	36	109.0 Kg	29.0	32.2 MT
1-5/8	5 in.	85.9	74,100 lbs.	40	128.0 Kg	33.6	37.4 MT
1-3/4	5-1/2 in.	104.0	88,400 lbs.	44	155.0 Kg	40.1	44.6 MT
2	6 in.	124.0	105,000 lbs.	48	185.0 Kg	47.8	53.1 MT
2-1/8	6-1/2 in.	147.0	123,000 lbs.	52	219.0 Kg	55.9	62.1 MT
2-1/4	7 in.	173.0	141,000 lbs.	56	257.0 Kg	64.0	71.1 MT
2-1/2	7-1/2 in.	196.0	162,000 lbs.	60	292.0 Kg	73.3	81.4 MT
2-5/8	8 in.	225.0	180,000 lbs.	64	335.0 Kg	81.7	90.8 MT
2-3/4	8-1/2 in.	246.0	199,000 lbs.	68	366.0 Kg	90.2	100.0 MT
3	9 in.	300.0	236,000 lbs.	72	446.0 Kg	107.0	119.0 MT
3-1/4	10 in.	375.0	292,000 lbs.	80	558.0 Kg	132.0	147.0 MT
3-5/8	11 in.	450.0	346,000 lbs.	88	670.0 Kg	157.0	174.0 MT
4	12 in.	525.0	400,000 lbs.	96	781.0 Kg	181.0	201.0 MT
4-1/4	13 in.	589.0	453,000 lbs.	104	876.0 Kg	206.0	228.0 MT
4-5/8	14 in.	689.0	524,000 lbs.	112	1,025.0 Kg	238.0	264.0 MT
5	15 in.	788.0	593,000 lbs.	120	1,173.0 Kg	269.0	299.0 MT

*Spliced strength

SPECIFICATIONS:

Specific Gravity:
1.38

Elastic Elongation Percentage:

At % of break strength
10% 1.1%
20% 1.7%
30% 2.7%

Splicing Procedures Required:

- > EYE SPLICE
Double Braid/Class I Rope
- > END FOR END SPLICE
Double Braid/Class I Rope

