

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

FEATURES AND BENEFITS

- > High strength
- > Low stretch
- > Durable
- > Flex-fatigue resistant
- > Pro-Gard Marine Finish

Stable Braid has a braided core and cover, both contributing to its strength and firm hand, while remaining fully spliceable. It works very well on winch drums and has the non-rotational flexibility to be flaked on deck. Stable Braid is a proven, tough rope with excellent controlled working elongation.

APPLICATIONS

VESSEL MOORING

- > General working line
- > Secondary mooring line

TUG

- > Shock line

COMMERCIAL FISHING

- > Gillnet line
- > Purse seine line
- > Trawl or bridle line

Stable Braid
DOUBLE BRAID CLASS I
PRODUCT CODE: 506/806

SIZE DIAMETER INCHES	SIZE CIRC. INCHES	WEIGHT PER 100 FT. POUNDS	SAMSON MBS* POUNDS	SIZE DIAMETER MILLIMETERS	WEIGHT PER 100 m KILOGRAMS	SAMSON MBS* METRIC TONS	ISO 2307 STRENGTH** METRIC TONS
1/4"	3/4"	2.1	2,000	6	3.1	0.89	0.99
5/16"	1"	3.2	3,100	8	4.8	1.4	1.5
3/8"	1-1/8"	4.5	4,800	9	6.7	2.2	2.4
7/16"	1-1/4"	6.1	6,500	11	9.1	3.0	3.3
1/2"	1-1/2"	8.2	8,800	12	12.2	4.0	4.5
9/16"	1-3/4"	11.0	11,300	14	16.4	5.1	5.7
5/8"	2"	14.0	13,900	16	20.8	6.3	7.0
3/4"	2-1/4"	18.0	17,300	18	26.8	7.9	8.7
7/8"	2-3/4"	27.1	25,400	22	40.3	11.5	12.8
1"	3"	34.0	33,300	24	50.6	15.1	16.8
1-1/8"	3-1/2"	45.3	41,000	28	67.4	18.6	20.6

SPECIFICATIONS¹

FIBER (CORE/COVER):
Polyester / Polyester

SPECIFIC GRAVITY: 1.38

STANDARD COLORS:
UNCOATED (506): White with blue ID, black
COATED (806): Black, blue, green, orange, red, yellow, and clear with blue ID

ELASTIC ELONGATION PERCENTAGE
At % of break strength

1-1/4"	3-3/4"	53.9	48,700	30	80.2	22.1	24.5
1-5/16"	4"	60.8	55,000	32	90.5	24.9	27.7
1-1/2"	4-1/2"	73.3	63,800	36	109	29.0	32.2
1-5/8"	5"	85.9	74,100	40	128	33.6	37.4
1-3/4"	5-1/2"	104	88,400	44	155	40.1	44.6
2"	6"	124	105,000	48	185	47.8	53.1
2-1/8"	6-1/2"	147	123,000	52	219	55.9	62.1
2-1/4"	7"	173	141,000	56	257	64.0	71.1
2-1/2"	7-1/2"	198	162,000	60	292	73.3	81.4
2-5/8"	8"	225	180,000	64	335	81.7	90.8
2-3/4"	8-1/2"	246	199,000	68	366	90.2	100
3"	9"	300	236,000	72	446	107	119
3-1/4"	10"	375	292,000	80	558	132	147
3-5/8"	11"	450	346,000	88	670	157	174
4"	12"	525	400,000	96	781	181	201
4-1/4"	13"	589	453,000	104	876	208	228
4-5/8"	14"	689	524,000	112	1025	238	264
6"	15"	788	593,000	120	1173	269	299

10%	1.10%
20%	1.70%
30%	2.70%

SPLICE/CLASS:
Double Braid Class I

¹Due to our continued research and development of product performance, the specifications listed herein are subject to change. For the most current sizes, weights, and strengths, go to SamsonRope.com.

*Spliced strength ** This standard replaces BS EN 919 and ISO 2307:1995 and is for unspliced strengths.