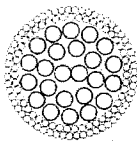


DOUBLE BRAID

2-IN-1[®] SUPER STRONG[™] Double Braid Product Code: 509



Double Braid Nylon Fiber

A double braid of high tenacity nylon fiber treated with Pro-Gard[™] marine finish. This firm but flexible product maximizes wet wear life and strength due to the Pro-Gard[™] marine finish. It does not shrink harden during service and maintains full performance flexibility for handling. The proven durability of 2-in-1[®] Super Strong[™] confirms it is the best wet wearing double braid nylon available.

2-in-1[®] Super Strong[™] conforms to U.S. Mil. Spec. MIL-R-24050C, Canadian Spec. 40-GP-16M Type 1/MOT, and NATO Class 4020 Supp. 1972.

Fiber Content: Nylon Fiber

Specific Gravity: 1.14

Elastic Elongation at Percentage of Break Strength:

10%	20%	30%
3.0	5.3	6.7

Water Absorption Fiber: to 5%

CHARACTERISTICS

- Maximum wet strength
- Excellent stretch range for shock mitigation
- Torque-free, will not kink or hockle
- Easily spliced
- Maintains full flexibility over service life

APPLICATIONS

- Mooring and Anchoring Lines
- Mooring Pendants
- Tow Lines

2-IN-1 SUPER STRONG									
SIZE				WEIGHT		AVERAGE STRENGTH		MINIMUM STRENGTH	
Dia. Inch	Dia. mm	Circ. Inch	Circ. mm	Lbs per 100 Ft.	Kg per 100 M	Lbs	Kg	Lbs	Kg
1/4"	6	3/4"	18	1.70	2.53	2,300	1,043	1,840	835
5/16"	8	1"	24	2.60	3.87	3,400	1,542	2,880	1,306
3/8"	9	1-1/8"	27	3.70	5.51	4,900	2,223	4,140	1,878
7/16"	11	1-1/4"	33	5.10	7.59	6,600	2,994	5,640	2,558
1/2"	12	1-1/2"	36	6.60	9.82	8,500	3,856	7,370	3,343
5/8"	16	2"	48	12.00	17.86	15,200	6,895	13,100	5,942
3/4"	18	2-1/4"	54	15.00	22.32	19,100	8,664	16,600	7,530
7/8"	22	2-3/4"	66	22.00	32.74	28,300	12,837	24,700	11,204
1"	24	3"	72	26.00	38.69	33,600	15,241	29,500	13,381
1-1/8"	28	3-1/2"	84	36.00	53.58	45,000	20,412	40,100	18,189
1-1/4"	30	3-3/4"	90	41.00	61.02	52,000	23,587	46,100	20,911
1-5/16"	32	4"	96	47.00	69.95	59,000	26,762	52,400	23,769
1-1/2"	36	4-1/2"	108	60.00	89.29	74,000	33,566	66,300	30,074
1-5/8"	40	5"	120	74.00	110.13	91,000	41,278	81,800	37,104
2"	48	6"	144	106.00	157.75	131,000	59,422	115,000	52,164
2-1/4"	56	7"	168	144.00	214.30	177,000	80,287	152,000	68,947
2-5/8"	64	8"	192	188.00	279.78	230,000	104,328	195,000	88,452
3"	72	9"	216	238.00	354.19	285,000	129,276	243,000	110,225
3-1/4"	80	10"	240	294.00	437.53	322,000	146,059	295,000	133,812
3-5/8"	88	11"	264	356.00	529.80	384,000	174,182	351,000	159,214
4"	96	12"	288	423.00	629.51	451,000	204,574	414,000	187,790
4-1/4"	104	13"	312	497.00	739.64	523,000	237,233	479,000	217,274
4-5/8"	112	14"	336	576.00	857.20	599,000	271,706	549,000	249,026
5"	120	15"	360	662.00	985.19	680,000	308,448	623,000	282,593

