

2-In-1® Stable Braid

Stable Braid™ provides a firm polyester rope that yields high strength, low stretch, and excellent wear. The Duron® fiber technology which incorporates our Parallay® plying, a braiding process which orients all the fibers parallel to the axis of the rope, is the reason that Stable Braid™ maximizes performance. To enhance service life for marine applications, Pro-Gard™ marine finish is applied to further enhance wet wear characteristics.

2-In-1® Stable Braid™ conforms to U.S. Mil. Spec. MIL-R-24677 dated 6 November 1986, Canadian Spec. 40-GP-16M type 3/MOT, and NATO Class 4020 Supp. 1972.



Characteristics

- ? Firm, torque-free construction
- ? Low stretch and high strength
- ? Excellent dielectric properties
- ? Superior wear resistance- wet or dry

Applications

- ? Mooring Lines and Pendants
- ? Deep Water Mooring and Retrieval Lines
- ? Utility Winch Lines
- ? T & D Pulling Lines

Fiber Content:	Polyester Fiber	
Specific Gravity:	1.38	
Elastic Elongation at Percentage of Break Strength:		
10%	20%	30%
1.1	1.7	2.7
Water Absorption Fiber:	1 to 2%	

2-In-1® Stable Braid™									
Product Code: 506 (Uncoated); 800 (Samthane™ Coated)									
Size (Dia.)		Size (Circ.)		Weight		Average Strength		Minimum Strength	
Inch	mm	Inch	mm	Lbs/100 Ft.	Kg/100 M	Lbs	Kg	Lbs	Kg
1/4"	6	3/4"	18	2.5	3.7	2,800	1,270	2,400	1,089
5/16"	8	1"	24	3.6	5.4	4,200	1,905	3,600	1,633
3/8"	9	1-1/8"	27	5.0	7.4	5,600	2,540	4,800	2,177
7/16"	11	1-1/4"	33	6.3	9.4	7,700	3,493	6,500	2,948

9/16"	14	1-3/4"	42	11.6	17.3	13,300	6,033	11,300	5,126
5/8"	16	2"	48	14.2	21.1	16,300	7,394	13,900	6,305
3/4"	18	2-1/4"	54	18.1	26.9	20,400	9,253	17,300	7,847
7/8"	22	2-3/4"	66	27.1	40.3	29,900	13,563	25,400	11,521
1"	24	3"	72	36.6	54.5	39,200	17,781	33,300	15,105
1-1/8"	28	3-1/2"	84	45.3	67.4	48,200	21,864	41,000	18,598
1-1/4"	30	3-3/4"	90	53.9	80.2	57,300	25,991	48,700	22,090
1-5/16"	32	4"	96	60.8	90.5	64,700	29,348	55,000	24,948
1-1/2"	36	4-1/2"	108	73.3	109.1	75,100	34,065	63,800	28,940
1-5/8"	40	5"	120	85.9	127.8	87,200	39,554	74,100	33,612
2"	48	6"	144	124.0	184.5	124,000	56,246	105,400	47,809
2-1/4"	56	7"	168	173.0	257.5	166,000	75,298	141,100	64,003
2-5/8"	64	8"	192	225.0	334.8	212,000	96,163	180,200	81,739
3"	72	9"	216	300.0	446.5	278,000	126,101	236,300	107,186
3-1/4"	80	10"	240	375.0	558.1	343,000	155,585	291,600	132,270
3-5/8"	88	11"	264	450.0	669.7	407,000	184,615	346,000	156,946
4"	96	12"	288	525.0	781.3	470,000	213,192	399,500	181,213
4-1/4"	104	13"	312	589.0	876.5	533,000	241,769	453,100	205,526
4-5/8"	112	14"	336	689.0	1025.4	616,000	279,418	523,600	237,505