



PRODUCT CODE: 506
FIBER (CORE/COVER): POLYESTER / POLYESTER
SPECIFIC GRAVITY:1.38
SPLICE: DOUBLE BRAID CLASS I



A firm, polyester, double braided rope with high strength, low stretch, and excellent resistance to wear. Sizes above 5/8” have a Pro-Gard marine finish. If meeting military specifications is required, please state when ordering or requesting a quote.

DIAM. (inch)	CIRC. (inch)	WEIGHT PER 100 FT. (lbs)	AVG. STRENGTH (lbs)	MIN. STRENGTH (lbs)	DIAM. (mm)	CIRC. (mm)	WEIGHT PER 100 M (kg)	AVG. STRENGTH (kg)	MIN. STRENGTH (kg)	ISO 2307 STRENGTH (metric tons)
1/4	3/4	2.1	2,300	2,000	6	18	3.1	1,000	890	0.99
5/16	1	3.2	3,600	3,100	8	24	4.8	1,600	1,400	1.5
3/8	1 1/8	4.5	5,600	4,800	9	27	6.7	2,500	2,200	2.4
7/16	1 1/4	6.1	7,700	6,500	11	33	9.1	3,500	3,000	3.3
1/2	1 1/2	8.2	10,400	8,800	12	36	12.2	4,700	4,000	4.5
9/16	1 3/4	11	13,300	11,300	14	42	16.4	6,000	5,100	5.7
5/8	2	14	16,300	13,900	16	48	20.8	7,400	6,300	7
3/4	2 1/4	18	20,400	17,300	18	54	26.8	9,300	7,900	8.7
7/8	2 3/4	27.1	29,900	25,400	22	66	40.3	13,600	11,500	12.8
1	3	34	39,200	33,300	24	72	50.6	17,800	15,100	16.8
1 1/8	3 1/2	45.3	48,200	41,000	28	84	67.4	21,900	18,600	20.6
1 1/4	3 3/4	53.9	57,300	48,700	30	90	80.2	26,000	22,100	24.5
1 5/16	4	60.8	64,700	55,000	32	96	90.5	29,300	24,900	27.7
1 1/2	4 1/2	73.3	75,100	63,800	36	108	109	34,100	29,000	32.2
1 5/8	5	85.9	87,200	74,100	40	120	128	39,600	33,600	37.4
1 3/4	5 1/2	104	104,000	88,400	44	132	155	47,200	40,100	44.6
2	6	124	124,000	105,000	48	144	185	56,200	47,800	53.1
2 1/8	6 1/2	147	145,000	123,000	52	156	219	65,800	55,900	62.1
2 1/4	7	173	166,000	141,000	56	168	257	75,300	64,000	71.1
2 1/2	7 1/2	196	190,000	162,000	60	180	292	86,200	73,300	81.4
2 5/8	8	225	212,000	180,000	64	192	335	96,200	81,700	90.8
2 3/4	8 1/2	246	234,000	199,000	68	204	366	106,000	90,200	100
3	9	300	278,000	236,000	72	216	446	126,000	107,000	119
3 1/4	10	375	343,000	292,000	80	240	558	156,000	132,000	147
3 5/8	11	450	407,000	346,000	88	264	670	185,000	157,000	174
4	12	525	470,000	400,000	96	288	781	213,000	181,000	201
4 1/4	13	589	533,000	453,000	104	312	876	242,000	206,000	228
4 5/8	14	689	616,000	524,000	112	336	1,025	279,000	238,000	264
5	15	788	698,000	593,000	120	360	1,173	317,000	269,000	299

SYNTHETIC ROPES