



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)
7/64	5/16	0.3	1,600	1,400	2.5	7.5	0.45	730	650	0.73
1/8	3/8	0.5	2,500	2,300	3	9	0.74	1,100	1,000	1.1
5/32	15/32	0.75	4,000	3,600	4	12	1.1	1,800	1,600	1.8
3/16	9/16	1	5,400	4,900	5	15	1.5	2,400	2,200	2.4
1/4	3/4	1.6	8,600	7,700	6	18	2.4	3,900	3,500	3.9
5/16	1	2.7	13,700	12,300	8	24	4	6,200	5,600	6.2
3/8	1 1/8	3.6	19,600	17,600	9	27	5.4	8,900	8,000	8.9
7/16	1 1/4	4.5	23,900	21,500	11	33	6.7	10,800	9,800	10.8
1/2	1 1/2	6.4	34,000	30,600	12	36	9.5	15,400	13,900	15.4
9/16	1 3/4	7.9	40,500	36,500	14	42	11.8	18,400	16,500	18.4
5/8	2	10.2	52,800	47,500	16	48	15.2	24,000	21,600	24
3/4	2 1/4	13.3	64,400	58,000	18	54	19.8	29,200	26,300	29.2
13/16	2 1/2	17	82,000	73,800	20	60	25.3	37,200	33,500	37.2
7/8	2 3/4	19.6	90,800	81,700	22	66	29.2	41,200	37,100	41.2
1	3	21.8	109,000	98,100	24	72	32.4	49,400	44,500	49.4
1 1/16	3 1/4	27.5	131,000	118,000	26	78	40.9	59,400	53,500	59.4
1 1/8	3 1/2	31.9	148,000	133,000	28	84	47.5	67,100	60,400	67.1
1 1/4	3 3/4	36.2	165,000	149,000	30	90	53.9	74,800	67,400	74.8
1 5/16	4	41.8	184,000	166,000	32	96	62.2	83,500	75,100	83.5
1 3/8	4 1/8	45	205,000	185,000	34	100	67	93,000	83,700	93
1 1/2	4 1/2	51.7	228,000	205,000	36	108	76.9	103,000	93,100	103
1 9/16	4 3/4	57.6	254,000	229,000	38	114	85.7	115,000	104,000	115
1 5/8	5	65.2	283,000	255,000	40	120	97	128,000	116,000	128
1 11/16	5 1/4	71	307,000	276,000	42	126	106	139,000	125,000	139
1 3/4	5 1/2	78.4	335,000	302,000	44	132	117	152,000	137,000	152
2	6	87	381,000	343,000	48	144	129	173,000	156,000	173
2 1/16	6 1/4	95	418,000	376,000	50	150	141	190,000	171,000	190
2 1/8	6 1/2	109	457,000	411,000	52	156	162	207,000	187,000	207
2 1/4	7	116	537,000	483,000	56	168	173	244,000	219,000	244
2 1/2	7 1/2	148	588,000	529,000	60	180	220	267,000	240,000	267
2 5/8	8	167	662,000	596,000	64	192	248	300,000	270,000	300
2 3/4	8 1/2	187	735,000	662,000	68	204	278	333,000	300,000	333
3	9	206	832,000	749,000	72	216	307	377,000	340,000	377

SYNTHETIC ROPES