

Nylon/Polypropylene/Manila Rope Specifications Breaking Load & Weight

POLYPROPYLENE ROPE 3-STRAND

SIZE	WEIGHT	BREAKING LOAD
6 mm dia	3.6 kgs	—
8 mm dia	6.0 kgs	800 kgs
10 mm dia	9.6 kgs	1,000 kgs
12 mm dia	14.5 kgs	2,000 kgs
14 mm dia	19.5 kgs	2,600 kgs
16 mm dia	25.0 kgs	3,000 kgs
18 mm dia	32.0 kgs	4,000 kgs
20 mm dia	40.8 kgs	4,500 kgs
22 mm dia	47.0 kgs	5,700 kgs
24 mm dia	55.0 kgs	6,500 kgs
28 mm dia	75.0 kgs	9,000 kgs
32 mm dia	100.0 kgs	11,500 kgs
36 mm dia	130.0 kgs	14,000 kgs

NYLON ROPE 3-STRAND

WEIGHT	BREAKING LOAD
4.5 kgs	700 kgs
8.5 kgs	1,500 kgs
13.5 kgs	1,700 kgs
20.0 kgs	2,800 kgs
26.5 kgs	3,500 kgs
34.0 kgs	5,000 kgs
43.0 kgs	5,500 kgs
53.0 kgs	7,000 kgs
66.0 kgs	8,500 kgs
77.6 kgs	10,000 kgs
105.0 kgs	13,500 kgs
135.0 kgs	18,000 kgs
171.0 kgs	20,000 kgs

POLYPROPYLENE ROPE 8-STRAND

SIZE	WEIGHT	BREAKING LOAD
5" cir	160.0 kgs	17,000 kgs
6" cir	225.0 kgs	22,000 kgs
7" cir	305.0 kgs	26,000 kgs
8" cir	408.0 kgs	44,000 kgs
9" cir	510.0 kgs	50,000 kgs
10" cir	620.0 kgs	60,000 kgs
12" cir	909.0 kgs	75,000 kgs

NYLON ROPE 8-STRAND

WEIGHT	BREAKING LOAD
210.0 kgs	28,000 kgs
306.0 kgs	37,000 kgs
420.0 kgs	54,000 kgs
556.0 kgs	65,000 kgs
700.0 kgs	83,000 kgs
850.0 kgs	95,000 kgs
1,200.0 kgs	135,000 kgs

N.B. The above specification weight and breaking load given are approximate only.

MANILA ROPE

SIZE		WEIGHT	BREAKING LOAD
CIRC.	MM	MANILA ROPES WEIGHT PER COIL	BREAKING STRENGTH
1/2"	4	10 LB	336 LB
3/4"	6	15 LB	622 LB
1"	8	24 LB	909 LB
1.1/8"	9	30 LB	1196 LB
1.1/4"	10	40 LB	1507 LB
1.1/2"	12	55 LB	1793 LB
1.3/4"	14	74 LB	2416 LB
2"	16	95 LB	3395 LB
2.1/4"	18	120 LB	4065 LB
2.1/2"	20	140 LB	5405 LB
2.3/4"	22	160 LB	6409 LB
3"	24	195 LB	7652 LB
3.1/4"	26	225 LB	8895 LB
2.1/2"	28	260 LB	10187 LB
4"	32	340 LB	13056 LB
4.1/2"	36	436 LB	14539 LB

N.B. The above specification weight and breaking load given are approximate only.