

NYLON ROPE – 3 STRAND

Nylon Rope has twice the strength of Manila rope. It has high elongation (under load) when compared to other synthetic ropes. Nylon has high energy absorption under shock and good abrasion resistance. When combined, these characteristics make nylon rope the best in handling compared to other synthetics. It is utilized extensively in marine use such as mooring lines, towing slings, commercial fishing, utility rope, leisure boating, and sailing etc.

- **Fiber Content:** Nylon fiber
- **Specific gravity:** 1.14
- **Melting Point:** 220°C
- **Elongation at break:** 45% (8S/T), 30% (12S/T)
- **Water absorption:** 2 ~ 5%



Dia.		Circ.	Weight			Breaking Strength	
mm	Inch	Inch	KGS/100M	LBS/100FT	LBS/100FM	Kg	kN
4	5/32	1/2	1.05	0.71	4.23	360	3.53
5	3/16	5/8	1.56	1.05	6.29	570	5.60
6	1/4	3/4	2.25	1.51	9.07	760	7.46
7	9/32	7/8	3.1	2.08	12.50	1,050	10.30
8	5/16	1	4.0	2.69	16.13	1,390	13.65
9	3/8	1-1/8	5.0	3.36	20.16	1,750	17.20
10	13/32	1-1/4	6.2	4.17	25.00	2,130	20.90
11	7/16	1-3/8	7.5	5.04	30.24	2,600	25.50
12	15/32	1-1/2	8.9	5.98	35.88	3,040	29.80
13	1/2	1-5/8	10.5	7.06	42.33	3,570	35.00
14	9/16	1-3/4	12.2	8.20	49.19	4,180	41.00
16	5/8	2	15.8	10.62	63.70	5,380	52.80
18	23/32	2-1/4	20.0	13.44	80.64	6,880	67.50
19	3/4	2-3/8	22.1	14.85	89.10	7,650	75.10
20	13/16	2-1/2	24.5	16.46	98.78	8,450	82.90
22	7/8	2-3/4	30.0	20.16	120.96	10,400	102.00
24	15/16	3	35.5	23.86	143.13	12,300	120.70
25	1	3-1/8	38.8	26.07	156.44	13,400	131.50
26	1-1/32	3-1/4	42.0	28.22	169.37	14,500	142.20
28	1-1/8	3-1/2	48.5	32.59	195.54	16,200	159.00
30	1-3/16	3-3/4	55.5	37.29	223.77	18,300	179.50
32	1-1/4	4	63.0	42.98	254.01	20,600	202.00
34	1-11/32	4-1/4	71.4	47.98	287.87	23,200	227.10
36	1-7/16	4-1/2	80.0	53.76	322.55	25,700	252.10

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mm	Inch	Inch	KGS/100M	LBS/100FT	LBS/100FM	Kg	kN
38	1-1/2	4-3/4	89.3	60.01	360.04	28,200	276.60
40	1-19/32	5	99.0	66.53	399.15	31,000	304.10
42	1-21/32	5-1/4	109.0	73.25	439.47	33,800	331.60
44	1-3/4	5-1/2	120.0	80.64	483.82	37,000	363.00
45	1-13/16	5-5/8	124.8	83.86	503.17	37,800	370.80
48	1-7/8	6	142.0	95.42	572.52	43,000	421.80
50	2	6-1/4	153.5	103.15	618.89	46,300	454.20
52	2-1/16	6-1/2	166.0	111.55	669.28	50,000	490.50
55	2-5/32	6-7/8	186.2	125.12	750.73	55,000	539.50
56	2-1/4	7	193.0	129.96	778.14	57,000	559.20
60	2-3/8	7-1/2	221.0	148.51	891.04	64,500	632.70
64	2-1/2	8	252.0	169.34	1,016.02	73,000	716.10
65	2-9/16	8-1/16	260.0	174.71	1,048.28	75,000	735.70
70	2-3/4	8-11/16	302.0	202.94	1,217.61	86,000	843.60
72	2-7/8	9	319.0	214.36	1,286.16	91,000	892.70
75	3	9-1/4	346.0	232.50	1,395.01	98,700	968.20
80	3-5/32	10	394.0	264.76	1,588.54	111,500	1,093.80
85	3-3/8	10-1/2	445.0	299.03	1,794.17	126,000	1,236.00
88	3-7/16	11	477.0	320.53	1,923.19	135,000	1,324.30
90	3-9/16	11-1/8	499.0	335.31	2,011.89	139,000	1,363.60
95	3-3/16	11-3/4	556.0	373.68	2,241.70	154,000	1,510.70
96	3-13/16	12	568.0	381.68	2,290.08	158,000	1,550.00
100	3-15/16	12-3/8	616.0	413.94	2,483.61	170,000	1,667.70