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Nylon 3, 8 S/T

Nylon Rope



Nylon rope 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 makes nylon rope the best in handling compared to other synthetics. It's utilized extensively in marine use such as mooring lines, towing slings, commercial fishing, utility rope, leasure boat, sailing etc.

[Nylon fiber 3, 8 ST]

- *Fiber Content: Nylon fiber
- *Specific gravity: 1.14
- *Melting point: 220°C
- *Elongation at break: 45%
- *Water absorption: 2-5%

[Nylon fiber 12S/T]

- *Fiber Content: Nylon fiber
- *Specific gravity: 1.14
- *Melting point: 220°C
- *Elongation at break: 30%
- *Water absorption: 2-5%

Applications

- *Mooring lines
- *Towing Lines
- *Anchor Lines

Nylon 3, 8 ST

Dia.		Circ.		Weight	Breaking Strength	
INCH	MM	INCH	MM	LBS/100FT	AVG(LBS)	MIN(LBS)
3/16	5	9/16	15	1.00	1,100	1,000
1/4	6	3/4	18	1.50	1,820	1,650
5/16	8	1	24	2.50	2,810	2,550
3/8	9	1-1/8	27	3.50	4,070	3,700
7/16	11	1-1/4	33	5.00	5,500	5,000
1/2	12	1-1/2	36	6.50	7,040	6,400
9/16	14	1-3/4	42	8.30	8,800	8,000
5/8	16	2	48	10.50	11,440	10,400
3/4	18	2-1/4	54	14.50	15,620	14,200
13/16	20	2-1/2	60	17.00	18,700	17,000
7/8	22	2-3/4	66	20.00	22,000	20,000
1	24	3	72	26.40	27,500	25,000
1-1/16	26	3-1/4	78	29.00	31,680	28,800
1-1/8	28	3-1/2	84	34.00	36,300	33,000
1-1/4	30	3-3/4	90	40.00	41,250	37,500
1-5/16	32	4	96	45.00	47,300	43,000
1-1/2	36	4-1/2	108	55.00	58,300	53,000
1-5/8	40	5	120	66.50	71,500	65,000
1-3/4	44	5-1/2	132	83.00	85,800	78,000
2	48	6	144	95.00	101,200	92,000
2-1/8	52	6-1/2	156	109.00	116,600	106,000
2-1/4	56	7	168	129.00	137,500	125,000
2-1/2	60	7-1/2	180	149.00	154,000	140,000
2-5/8	64	8	192	168.00	178,200	162,000
2-3/4	68	8-1/2	204	189.00	198,000	180,000
3	72	9	216	210.00	220,000	200,000
3-1/4	80	10	240	264.00	275,000	250,000
3-5/8	88	11	264	312.00	330,000	300,000
4	96	12	288	380.00	396,000	360,000
4-1/4	104	13	312	430.00	484,000	440,000
4-5/8	112	14	336	500.00	561,000	510,000
5	120	15	360	570.00	633,000	575,000