





Size Dia. In"	Size Cir. In"				
		Polypropylene	Nylon	Poly Dac	Manila
		Min. Tensile Strength in Lbs.	Min. Tensile Strength in Lbs.	Min. Tensile Strength in Lbs.	Min. Tensile Strength in Lbs.
3/16"	5/8"	650	880	-	405
1/4"	3/4"	1,125	1,485	1,200	540
5/16"	1"	1,710	2,295	1,870	900
3/8"	1-1/8"	2,430	3,240	2,700	1,215
7/16"	1-1/4"	3,150	4,320	3,500	1,575
1/2"	1-1/2"	3,780	5,670	4,400	2,385
5/8"	2"	5,580	8,910	6,100	3,960
3/4"	2-1/4"	7,650	12,780	8,400	4,860
7/8"	2-3/4"	10,350	17,280	11,125	6,930
1"	3"	12,825	22,230	13,175	8,100
1-1/8"	3-1/2"	16,000	28,260	16,325	10,800
1-1/4"	3-3/4"	19,350	34,830	19,900	12,150
1-1/2"	4-1/2"	27,350	48,600	28,250	16,650
1-3/4"	5-1/2"	36,900	66,150	36,850	23,850
2"	6"	46,800	84,600	48,050	27,900
2-1/8"	6-1/2"	52,650	95,400	53,950	N/A
2-1/4"	7"	59,400	107,100	59,950	N/A
2-1/2"	7-1/2"	72,000	131,400	73,550	N/A
3"	9"	102,600	185,400	102,900	N/A

SYNTHETIC ROPES

Important Warnings

- Never exceed the working load limit of the rope. The recommended working load limit is 10% of the minimum tensile strength.
- Inspect rope frequently.
- Avoid overheating. Exposure to high temperatures will cause ropes to lose strength rapidly. Temperatures as low as 150°F can reduce strength by 50%.
- Cut up and throw away old and/or damaged rope.