

***Working Load Limit (% of Tensile Strength)**

Size Dia. Inches	Size Circ. Inches	POLYPROPYLENE (17%*)			NYLON (11%*)		
		Pounds Per 100 Ft.	Feet Per pound	Tensile Strength	Pounds Per 100 M	Feet Per Pound	Tensile Strength
3/16	5/8	0.70	143.0	720	1.0	100.0	900
1/4	3/4	1.2	83.4	1,130	1.5	66.7	1,490
5/16	1.0	1.8	55.6	1,710	2.5	40.0	2,300
3/8	1-1/8	2.8	35.7	2,430	3.5	28.5	3,350
7/16	1-1/4	3.8	26.3	3,150	5.0	20.0	4,500
1/2	1-1/2	4.7	21.3	3,780	6.5	15.4	5,750
9/16	1-3/4	6.1	16.4	4,590	8.3	12.3	7,200
5/8	2.0	7.5	13.3	5,580	10.5	9.5	9,350
3/4	2-1/4	10.7	9.3	7,650	14.50	6.9	12,800
13/16	2-1/2	12.7	7.9	8,910	17.0	5.9	15,300
7/8	2-3/4	15.0	6.7	10,400	20.0	5.0	18,000
1.0	3.0	18.0	5.5	12,600	26.0	3.8	22,500
1-1/16	3-1/4	20.4	4.9	14,400	29.0	3.4	25,900
1-1/8	3-1/2	23.7	4.2	16,500	34.0	2.9	29,700
1-1/4	3-3/4	27	3.7	18,900	40.0	2.5	33,750
1-5/16	4.0	30.5	3.3	21,200	45.0	2.2	38,750
1-1/2	4-1/2	38.50	2.6	26,700	55.0	1.8	47,700
1-5/8	5.0	47.50	2.1	32,400	68.0	1.5	58,500
1-3/4	5-1/2	57.0	1.7	38,700	83.0	1.2	70,200
2.0	6.0	69.0	1.4	46,800	95.0	1.05	82,800
2-1/8	6-1/2	80.0	1.2	54,900	109.0	0.92	95,400
2-1/4	7.0	92.0	1.1	62,100	129.0	0.77	113,000
2-1/2	7-1/2	107.0	0.93	72,000	149.0	0.67	126,000
2-5/8	8.0	120.0	0.83	81,000	168.0	0.59	146,000
2-7/8	8-1/2	137.0	0.73	90,900	189.0	0.53	162,000
3.0	9.0	153.0	0.65	103,000	210.0	0.47	180,000
3-1/4	10	190.0	0.53	123,000	263.0	.38	225,000
3-1/2	11	232.0	0.43	146,000	316.0	0.32	270,000
4.0	12	275.0	0.36	171,000	379.0	0.26	324,000

Size Dia. Inches	Size Circ. Inches	MANILA (20%*)			POLYESTER (11%*)		
		Pounds Per 100 Ft.	Feet Per pound	Tensile Strength	Pounds Per 100 M	Feet Per Pound	Tensile Strength
3/16	5/8	1.5	66.6	405	1.2	83.4	900
1/4	3/4	2.0	50.0	540	2.0	50.0	1,490
5/16	1.0	2.9	34.5	900	3.1	32.2	2,300
3/8	1-1/8	4.1	24.4	1,215	4.5	22.2	3,350
7/16	1-1/4	5.3	19.0	1,575	6.2	16.1	4,500
1/2	1-1/2	7.5	13.33	2,385	8.0	12.5	5,750
9/16	1-3/4	10.4	9.61	3,105	10.2	9.8	7,200
5/8	2.0	13.3	7.50	3,960	13.0	7.7	9,000
3/4	2-1/4	16.7	6.0	4,860	17.5	5.7	11,300
13/16	2-1/2	19.5	5.13	5,850	21.0	4.8	14,000
7/8	2-3/4	22.5	4.45	6,930	25.0	4.0	16,200
1.0	3.0	27.0	3.71	8,100	30.5	3.3	19,800
1-1/16	3-1/4	31.3	3.20	9,450	34.5	2.9	23,000
1-1/8	3-1/2	36.0	2.78	10,800	40.0	2.5	26,600
1-1/4	3-3/4	41.8	2.40	12,150	46.3	2.2	29,900
1-5/16	4.0	48.0	2.09	13,500	52.5	1.9	33,800
1-1/2	4-1/2	60.0	1.67	16,650	66.8	1.5	42,100
1-5/8	5.0	74.4	1.34	20,250	82.0	1.2	51,300
1-3/4	5-1/2	89.5	1.12	23,850	98.0	1.02	61,000
2.0	6.0	108.0	0.93	27,900	118.0	0.85	72,000
2-1/8	6-1/2	125.0	0.79	32,400	135.0	0.74	82,800
2-1/4	7.0	146.0	.685	36,900	157.0	0.64	96,300
2-1/2	7-1/2	167.0	0.59	41,850	181.0	0.55	110,000
2-5/8	8.0	191.0	0.52	46,800	205.0	0.49	123,000
2-7/8	8-1/2	215.0	0.47	52,200	230.0	0.43	139,000
3.0	9.0	242.0	0.42	57,600	258.0	0.39	157,000
3-1/4	10	299.0	0.33	69,300	318.0	0.31	189,000
3-1/2	11	367.0	0.27	81,900	384.0	0.26	229,000
4.0	12	436.0	0.23	94,500	460.0	0.22	270,000

Product failure can result in INJURY OR DEATH. Product failure results from misuse, damage, and excessive wear. Responsibility lies with the user of these products. Adhere to industry standards and regulations.