

Pound System

Size in Inches		Polypropylene		Polyethylene		Nylon		Polyester		Sisal	
Dia	Cir	Pounds Per 100Feet	Breaking Strength in Lbs	Pounds Per 100Feet	Breaking Strength in Lbs	Pounds Per 100Feet	Breaking Strength in Lbs	Pounds Per 100Feet	Breaking Strength in Lbs	Pounds Per 100Feet	Breaking Strength in Lbs
3/16"	5/8"	0.7	800	0.75	700	1.0	1.000	1.2	1.000	1.5	360
1/4"	3/4"	1.2	1.250	1.3	1.200	1.5	1.650	2.0	1.650	2.0	480
5/6"	1 "	1.8	1.900	1.9	1.750	2.5	2.550	3.1	2.550	2.9	800
3/8"	1 1/8"	2.8	2.700	3.0	2.500	3.5	3.700	4.5	3.700	4.1	1.080
7/16"	1 1/4"	3.8	3.500	4.0	3.400	5.0	5.000	6.2	5.000	5.3	1.400
1/2"	1 1/2"	4.7	4.200	5.0	4.100	6.5	6.400	8.0	6.400	7.5	2.120
9/16"	1 3/4"	6.1	5.100	6.4	4.600	8.3	8.000	10.2	8.000	10.4	2.760
5/8"	2 "	7.5	6.200	8.1	5.200	10.5	10.400	13.0	10.000	13.3	3.520
3/4"	2 1/4"	10.7	8.500	11.5	7.400	14.5	14.200	17.5	12.500	16.7	4.320
3/5"	2 1/2"	12.7	9.900	13.9	8.900	17.0	17.000	21.0	15.500	19.5	5.200
7/8"	2 3/4"	15.0	11.500	16.2	10.400	20.0	20.000	25.0	18.000	22.5	6.160
1 "	3 "	18.0	14.000	19.6	12.600	26.0	25.000	30.5	22.000	27.0	7.200
1 1/6"	3 1/4"	20.4	16.000	21.6	14.500	29.0	28.800	34.5	25.500	31.3	8.400
1 1/8"	3 1/2"	23.7	18.300	24.9	16.500	34.0	33.000	40.0	29.500	36.0	9.600
1 1/4"	3 3/4"	27.0	21.000	29.0	18.600	40.0	37.500	46.3	33.200	41.8	10.800
1 5/16"	4 "	30.5	23.500	32.4	21.200	45.0	43.000	52.5	37.500	48.0	12.000
1 1/2"	4 1/2 "	38.5	29.700	40.5	26.700	55.0	53.000	66.8	46.800	60.0	14.800
1 5/8"	5 "	47.5	36.000	50.3	32.700	68.0	65.000	82.0	57.000	74.4	18.000
1 3/4"	5 1/2"	57.0	43.000	61.0	39.500	83.0	78.000	98.0	67.800	89.5	21.200
2 "	6 "	69.0	52.000	72.5	47.700	95.0	92.000	118.0	80.000	108.0	24.800
2 1/8"	6 1/2"	80.0	61.000	82.6	54.400	109.0	106.000	135.0	92.000	125.0	28.600
2 1/4"	7 "	92.0	69.000	96.0	63.000	129.0	125.000	157.0	107.000	146.0	32.800
2 1/2"	7 1/2"	107.0	80.000	109.0	72.000	149.0	140.000	181.0	122.000	167.0	35.000
2 5/8"	8 "	120.0	90.000	125.0	82.600	168.0	162.000	205.0	137.000	191.0	41.600
2 7/8"	8 1/2"	137.0	101.000	141.5	93.000	189.0	180.000	230.0	154.000	215.0	47.400
3 "	9 "	153.0	114.000	158.0	104.000	210.0	200.000	258.0	174.000	242.0	51.200
3 1/4"	10 "	190.0	137.000			263.0	250.000	318.0	210.000	299.0	61.600
3 1/2"	11 "	232.0	162.000			316.0	300.000	384.0	254.000	367.0	72.800
4 "	12 "	275.0	190.000			379.0	360.000	460.0	300.000	436.0	84.800

Notes

- ① Breaking Strength figures are "Average". Minimum will be 5% below "Average".
- ② Pounds per feet are "Average". Maximum weight 5% above these figures.
- ③ Net coil Weights are Pounds Per Foot times Length Per coil.
- ④ Recommendable working loads are 17% of Breaking Strength.
- ⑤ These specifications are applicable to 3-strand twisted and 8-strand square braided ropes.
- ⑥ When you are ordering with us, please indispensably let us know of your full specifications on the subject of length per coil, degree of Lay, ways of twist, color assortments, and with your special instructions, if any.