



NOMINAL STRENGTHS OF WIRE ROPE

6 x 37 Classification/Bright (Uncoated), Fiber Core

Nominal Diameter		Approximate Mass		Nominal Strength*	
				Improved Plow Steel**	
inches	mm	lb/ft	kg/m	tons	metric tonnes
1/4	6.4	0.11	0.16	2.74	2.49
5/16	8	0.16	0.24	4.26	3.86
3/8	9.5	0.24	0.35	6.10	5.53
7/16	11.5	0.32	0.48	8.27	7.50
1/2	13	0.42	0.63	10.7	9.71
5/8	14.5	0.53	0.79	13.5	12.2
3/4	16	0.66	0.98	16.7	15.1
7/8	19	0.95	1.41	23.8	21.6
1	22	1.29	1.92	32.2	29.2
1 1/8	26	1.68	2.50	41.8	37.9
1 1/4	29	2.13	3.17	52.6	47.7
1 1/2	32	2.63	3.91	64.6	58.6
1 3/8	35	3.18	4.73	77.7	70.5
1 1/2	38	3.78	5.63	92.0	83.5
1 5/8	42	4.44	6.61	107	97.1
1 3/4	45	5.15	7.66	124	112
1 7/8	48	5.91	8.8	141	128
2	52	6.72	10.0	160	145
2 1/8	54	7.59	11.3	179	162
2 1/4	57	8.51	12.7	200	181
2 3/8	60	9.48	14.1	222	201
2 1/2	64	10.5	15.6	244	221
2 5/8	67	11.6	17.3	268	243
2 3/4	70	12.7	18.9	292	265
2 7/8	74	13.9	20.7	317	287
3	77	15.1	22.5	344	312
3 1/8	80	16.4	24.4	371	336
3 1/4	83	17.7	26.3	399	362

*To convert to Kilonewtons (kN), multiply tons (nominal strength) by 8.896; 1 lb = 4.448 newtons (N).

**Available with galvanized wires at strengths 10% lower than listed, or at equivalent strengths on special request.

Note: For four of the listed diameters, 1/4" through 7/16" with two-operation strands, the given nominal strengths will be reduced by approximately 5 1/2%.