



Rotation Resistant Multi-Layer Wire Rope

Construction 35 × 7

Rope Diameter (mm)	Minimum Breaking Load [kN (ton)]				Approx. Weight	
	Grade G 1470N/mm ²	Grade A 1620N/mm ²	Grade B 1770N/mm ²	Grade C 1910N/mm ²	kg/m	lb/ft
10	52.7 (5.38)	58.2 (5.94)	63.7 (6.49)	68.8 (7.01)	0.430	0.29
11.2	66.2 (6.75)	73.0 (7.45)	79.9 (8.15)	86.2 (8.80)	0.539	0.36
12	75.9 (7.75)	83.8 (8.55)	91.7 (9.35)	99.0 (10.1)	0.619	0.42
12.5	82.4 (8.40)	90.9 (9.28)	99.5 (10.1)	107 (11.0)	0.671	0.45
13	89.1 (9.09)	98.4 (10.0)	108 (11.0)	116 (11.9)	0.726	0.49
14	103 (10.5)	114 (11.6)	125 (12.7)	135 (13.7)	0.842	0.57
15	119 (12.1)	131 (13.4)	143 (14.6)	155 (15.8)	0.967	0.65
16	135 (13.8)	149 (15.2)	163 (16.6)	176 (18.0)	1.10	0.74
18	171 (17.4)	189 (19.3)	206 (21.0)	223 (22.7)	1.39	0.93
19	191 (19.4)	211 (21.5)	230 (23.4)	248 (25.3)	1.55	1.04
20	212 (21.6)	233 (23.8)	254 (25.9)	276 (28.2)	1.72	1.16
21	234 (23.8)	257 (26.2)	280 (28.6)	304 (31.0)	1.90	0.28
22	257 (26.2)	282 (28.8)	307 (31.3)	334 (34.1)	2.08	1.40
22.4	265 (27.0)	293 (29.9)	319 (32.5)	346 (35.3)	2.16	1.45
24	304 (31.0)	336 (34.3)	366 (37.4)	397 (40.5)	2.48	1.67
25	331 (33.8)	364 (37.1)	398 (40.6)	431 (44.0)	2.69	1.81
26	358 (36.5)	394 (40.2)	430 (43.9)	466 (47.5)	2.91	1.96
28	415 (42.3)	457 (46.6)	499 (50.9)	540 (55.1)	3.37	2.26
30	476 (48.6)	525 (53.6)	572 (58.3)	620 (63.2)	3.87	2.60
31.5	525 (53.5)	579 (59.0)	631 (64.3)	684 (69.7)	4.27	2.87
32	542 (55.2)	597 (60.9)	651 (66.4)	705 (72.0)	4.40	2.96
33.5	594 (60.5)	655 (66.8)	713 (72.8)	773 (78.9)	4.83	3.25
34	611 (62.4)	674 (68.8)	735 (74.9)	796 (81.2)	4.97	3.34
35	648 (66.1)	715 (72.9)	779 (79.4)	844 (86.1)	5.27	3.54
35.5	667 (68.0)	735 (75.0)	801 (81.7)	868 (88.6)	5.42	3.64
36	685 (69.9)	756 (77.1)	824 (84.0)	893 (91.1)	5.57	3.74
37.5	744 (75.9)	820 (83.7)	894 (91.2)	969 (98.8)	6.05	4.07
38	764 (77.9)	842 (85.9)	918 (93.6)	995 (101)	6.21	4.17
40	846 (86.3)	933 (95.2)	1020 (104)	1100 (112)	6.88	4.62

※ Read important warnings on preceding pages.