



## Rotation Resistant Multi-Layer Wire Rope

Construction 35 x 7(WA)

Rope Diameter (mm)	Minimum Breaking Load [ kN (ton) ]				Approx. Weight	
	Grade G 1470N/mm <sup>2</sup>	Grade A 1620N/mm <sup>2</sup>	Grade B 1770N/mm <sup>2</sup>	Grade C 1910N/mm <sup>2</sup>	kg/m	lb/ft
12	82.7 (8.43)	90.6 (9.24)	97.7 (9.97)	109 (11.1)	0.639	0.43
12.5	89.7 (9.15)	98.3 (10.0)	106 (10.8)	118 (12.0)	0.694	0.47
13	97.0 (9.90)	106 (10.8)	115 (11.7)	128 (13.0)	0.750	0.50
14	113 (11.5)	123 (12.6)	133 (13.6)	148 (15.1)	0.870	0.58
15	129 (13.2)	142 (14.4)	153 (15.6)	170 (17.3)	0.999	0.67
16	147 (15.0)	161 (16.4)	174 (17.7)	193 (19.7)	1.13	0.76
18	185 (18.9)	204 (20.8)	226 (23.1)	251 (25.6)	1.43	0.96
19	206 (21.0)	227 (23.2)	249 (25.4)	277 (28.3)	1.59	1.07
20	229 (23.4)	252 (25.7)	274 (27.9)	304 (31.0)	1.75	1.18
21	252 (25.8)	278 (28.3)	302 (30.8)	335 (34.2)	1.93	1.30
22	277 (28.3)	305 (31.1)	333 (34.0)	370 (37.7)	2.11	1.42
24	330 (33.7)	363 (37.0)	392 (40.0)	435 (44.4)	2.51	1.69
25	358 (36.5)	393 (40.1)	432 (44.1)	480 (49.0)	2.72	1.83
25.4	370 (37.7)	406 (41.4)	445 (45.4)	494 (50.4)	2.81	1.89
26	387 (39.5)	425 (43.4)	468 (47.7)	520 (53.0)	3.01	2.02
28	449 (45.8)	493 (50.3)	530 (54.1)	588 (60.0)	3.39	2.28
30	515 (52.5)	566 (57.7)	620 (63.2)	689 (70.3)	4.11	2.76
31.5	568 (57.9)	625 (63.8)	684 (69.7)	760 (77.5)	4.53	3.04
32	586 (59.8)	645 (65.8)	695 (70.9)	773 (78.8)	4.41	2.96
33.5	642 (65.5)	706 (72.0)	762 (77.7)	847 (86.4)	4.83	3.25
34	662 (67.5)	728 (74.3)	787 (80.3)	875 (89.3)	5.01	3.37
35	702 (71.6)	771 (78.7)	832 (84.9)	925 (94.4)	5.31	3.57
35.5	721 (73.5)	793 (80.9)	856 (87.3)	952 (97.1)	5.46	3.67
36	742 (75.7)	816 (83.2)	883 (90.1)	981 (100)	5.63	3.78
37.5	805 (82.1)	885 (90.3)	966 (98.5)	1050 (107)	6.11	4.11
38	826 (84.3)	909 (92.7)	991 (101)	1070 (109)	6.27	4.21
40	916 (93.4)	1010 (103)	1100 (112)	1190 (121)	6.95	4.67

※ Read important warnings on preceding pages.