



Cross Laid Wire Rope

Construction 6 × 37 + IWRC

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
8	34.5 (3.52)	38.5 (3.93)	41.4 (4.22)	43.0 (4.38)	0.260	0.17
9	43.7 (4.45)	48.7 (4.97)	52.4 (5.34)	54.4 (5.55)	0.313	0.21
10	53.9 (5.50)	60.2 (6.14)	64.6 (6.59)	67.2 (6.85)	0.386	0.26
11.2	67.6 (6.90)	75.5 (7.70)	81.1 (8.27)	84.2 (8.59)	0.514	0.35
12	77.6 (7.92)	86.6 (8.84)	93.1 (9.49)	96.7 (9.86)	0.557	0.37
12.5	84.2 (8.59)	94.0 (9.59)	101 (10.3)	105 (10.7)	0.664	0.45
14	106 (10.8)	118 (12.0)	127 (12.9)	132 (13.4)	0.852	0.57
16	138 (14.1)	154 (15.7)	165 (16.9)	172 (17.5)	1.04	0.70
18	175 (17.8)	195 (19.9)	209 (21.4)	218 (22.2)	1.25	0.84
20	216 (22.0)	241 (24.5)	259 (26.4)	269 (27.4)	1.55	1.04
22	261 (26.6)	291 (29.7)	313 (31.9)	325 (33.2)	2.05	1.38
22.4	271 (27.6)	302 (30.8)	325 (33.2)	337 (34.4)	2.13	1.43
24	311 (31.7)	347 (35.4)	373 (38.1)	387 (39.5)	2.23	1.50
25	337 (34.4)	376 (38.4)	404 (41.2)	420 (42.8)	2.67	1.79
26	364 (37.2)	407 (41.5)	437 (44.6)	454 (46.3)	2.8	1.88
28	423 (43.1)	472 (48.1)	507 (51.7)	527 (53.7)	3.38	2.27
30	485 (49.5)	542 (55.3)	582 (59.4)	604 (61.7)	3.63	2.44
31.5	535 (54.6)	597 (60.9)	642 (65.5)	666 (68.0)	3.84	2.58
32	552 (56.3)	616 (62.8)	663 (67.6)	688 (70.1)	4.17	2.80
33.5	605 (61.7)	676 (69.0)	726 (74.1)	754 (76.9)	4.34	2.92
34	623 (63.6)	696 (71.0)	748 (76.3)	776 (79.2)	4.47	3.00
35	660 (67.4)	738 (75.3)	792 (80.8)	823 (83.9)	5.05	3.39
35.5	680 (69.4)	759 (77.4)	816 (83.2)	846 (86.3)	5.15	3.46
36	699 (71.3)	781 (79.6)	839 (85.6)	870 (88.8)	5.24	3.52
37.5	759 (77.4)	847 (86.4)	910 (92.8)	944 (96.3)	5.81	3.90
38	779 (79.5)	870 (88.7)	934 (95.3)	970 (98.9)	6.01	4.04
40	863 (88.0)	963 (98.2)	1040 (106)	1080 (110)	6.19	4.16
42	951 (97.0)	1060 (108)	1150 (117)	1190 (121)	7.04	4.73
42.5	974 (99.3)	1090 (111)	1170 (119)	1220 (124)	7.21	4.84
44	1040 (106)	1170 (119)	1250 (128)	1300 (133)	8.18	5.50
45	1090 (111)	1220 (124)	1310 (134)	1360 (139)	8.39	5.64
46	1140 (116)	1270 (130)	1370 (140)	1420 (145)	8.47	5.69
47.5	1220 (124)	1360 (139)	1460 (149)	1510 (154)	8.73	5.87
48	1250 (128)	1390 (142)	1490 (152)	1550 (158)	9.38	6.30
50	1350 (138)	1500 (153)	1620 (165)	1680 (171)	10.1	6.79
52	1460 (149)	1630 (166)	1750 (179)	1810 (185)	10.9	7.32
53	1520 (155)	1690 (172)	1820 (186)	1880 (192)	11.3	7.59
56	1690 (172)	1890 (193)	2030 (207)	2100 (214)	12.7	8.53
58	1810 (185)	2030 (207)	2180 (222)	2250 (230)	13.6	9.14
60	1940 (198)	2170 (221)	2330 (238)	2400 (245)	14.5	9.74

※ Read important warnings on preceding pages.