



6x7+FC

Cross Laid Wire Rope

Construction 6x7+FC

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	kg/m	lb/ft
8	33.8 (3.45)	38.1 (3.89)	41.6 (4.24)	0.237	0.16
9	42.8 (4.37)	48.2 (4.92)	52.6 (5.37)	0.300	0.20
10	52.8 (5.39)	59.5 (6.07)	65.0 (6.63)	0.371	0.25
11.2	66.2 (6.75)	74.6 (7.61)	81.5 (8.31)	0.465	0.31
12	76.0 (7.75)	85.6 (8.74)	93.6 (9.54)	0.534	0.36
12.5	82.5 (8.42)	92.5 (9.44)	102 (10.4)	0.580	0.39
14	103 (10.5)	117 (11.9)	127 (13.0)	0.727	0.49
16	135 (13.8)	152 (15.5)	166 (17.0)	0.950	0.64
18	171 (17.4)	193 (19.7)	211 (21.5)	1.20	0.81
20	211 (21.5)	238 (24.3)	260 (26.5)	1.48	0.99
21	233 (23.7)	262 (26.8)	287 (29.2)	1.63	1.10
22	255 (26.0)	288 (29.4)	314 (32.1)	1.79	1.20
22.4	265 (27.0)	298 (30.4)	326 (33.3)	1.86	1.25
24	304 (31.0)	343 (35.0)	374 (38.2)	2.14	1.44
25	330 (33.7)	372 (37.9)	406 (41.4)	2.32	1.56
26	357 (36.4)	402 (41.0)	439 (44.8)	2.51	1.69
28	414 (42.2)	466 (47.5)	509 (52.0)	2.91	1.96
30	475 (48.5)	535 (54.6)	585 (59.6)	3.34	2.24
31.5	524 (53.4)	590 (60.2)	645 (65.8)	3.68	2.47
32	541 (55.2)	609 (62.1)	665 (67.9)	3.80	2.55
33.5	592 (60.4)	667 (68.0)	729 (74.4)	4.16	2.80
34	610 (62.2)	687 (70.1)	751 (76.6)	4.29	2.88
35	646 (65.9)	728 (74.3)	796 (81.2)	4.54	3.05
35.5	665 (67.8)	749 (76.4)	819 (83.5)	4.67	3.14
36	684 (69.8)	770 (78.6)	842 (85.9)	4.80	3.23
37.5	742 (75.7)	836 (85.2)	914 (93.2)	5.22	3.51
38	762 (77.7)	858 (87.5)	938 (95.7)	5.36	3.60
40	845 (86.2)	951 (97.0)	1040 (106)	5.93	3.98
42	932 (95.0)	1050 (107)	1150 (117)	6.54	4.39
42.5	954 (97.3)	1070 (109)	1180 (120)	6.69	4.50

※ Read important warnings on preceding pages.