



Cross Laid Wire Rope

Construction 6x19+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	32.1 (3.27)	34.6 (3.53)	36.9 (3.76)	0.233	0.16
9	40.7 (4.15)	43.8 (4.47)	46.7 (4.76)	0.295	0.20
10	50.2 (5.12)	54.0 (5.51)	57.6 (5.88)	0.364	0.24
11.2	63.0 (6.43)	67.8 (6.92)	72.3 (7.37)	0.457	0.31
12	72.3 (7.38)	77.8 (7.94)	83.0 (8.47)	0.524	0.35
12.5	78.4 (8.0)	84.4 (8.61)	90.0 (9.18)	0.569	0.38
14	98.4 (10.0)	106 (10.8)	113 (11.5)	0.713	0.48
16	128 (13.1)	138 (14.1)	148 (15.1)	0.932	0.63
18	163 (16.6)	175 (17.9)	187 (19.1)	1.18	0.79
20	201 (20.5)	216 (22.0)	230 (23.5)	1.46	0.98
21	222 (22.6)	238 (24.3)	254 (25.9)	1.61	1.08
22	243 (24.8)	261 (26.7)	278 (28.4)	1.77	1.19
22.4	252 (25.7)	271 (27.6)	289 (29.5)	1.83	1.23
24	289 (29.5)	311 (31.7)	332 (33.8)	2.10	1.41
25	314 (32.0)	338 (34.5)	360 (36.7)	2.28	1.53
26	340 (34.6)	366 (37.3)	389 (39.7)	2.47	1.66
28	393 (40.1)	424 (43.2)	452 (46.1)	2.85	1.92
30	452 (46.1)	486 (49.6)	519 (52.9)	3.28	2.20
31.5	498 (50.8)	536 (54.7)	572 (58.4)	3.62	2.43
32	514 (52.5)	553 (56.4)	591 (60.2)	3.73	2.51
33.5	564 (57.5)	606 (61.8)	647 (66.0)	4.09	2.75
34	581 (59.2)	624 (63.7)	667 (68.0)	4.21	2.83
35	615 (62.8)	662 (67.5)	706 (72.1)	4.46	3.00
35.5	633 (64.6)	681 (69.4)	727 (74.1)	4.59	3.08
36	651 (66.4)	700 (71.4)	747 (76.2)	4.72	3.17
37.5	706 (72.0)	759 (77.5)	811 (82.7)	5.13	3.45
38	725 (74.0)	780 (79.5)	833 (84.9)	5.26	3.53
40	804 (82.0)	864 (88.1)	923 (94.1)	5.83	3.92

※ Read important warnings on preceding pages.