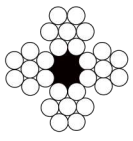


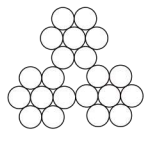
General Purpose

1. Bundling / Guard Cable / Zin-Coated Wire Strands

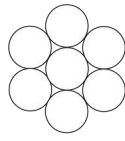
• Zin-Coated Wire Strands



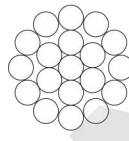
4x7+FC



3x7

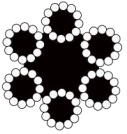


1x7

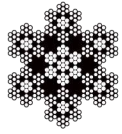


1x19

2. Lashing / Sling / Mining / Fishing



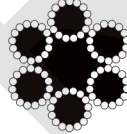
6x12+FC



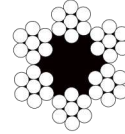
7x7x7



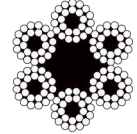
7x7x(S)19



6x15+FC



6x7+FC

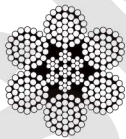


6x24+FC

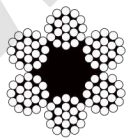
3. General Purpose



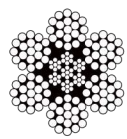
6x37+FC



6x37+IWRC



6x19+FC



6x19+IWRC



1. Bundling / Guard Cable / Zin-Coated Wire Strands

•4×7+FC

Nominal Dia.		Minimum Breaking Load (Metric Ton)			Approx Weight
mm	inch	1470 N/mm ²	1620 N/mm ²	1770 N/mm ²	Kg/m
8	5/16	3.6	4.0	4.3	0.24
9	3/8	4.5	5.0	5.4	0.30
10		5.6	6.2	6.7	0.37
11.2	7/16	7.1	7.8	8.5	0.47
12		8.1	8.9	9.8	0.54
12.5	1/2	8.8	9.7	10.6	0.58
14	9/16	11.1	12.2	13.3	0.73
16	5/8	14.5	15.9	17.4	0.95
18	11/16	18.3	20.2	21.9	1.20
20	13/16	22.4	24.6	26.9	1.48
22	7/8	27.4	30.2	33.0	1.80
24	15/16	32.6	35.8	39.2	2.14

•3×7

Nominal Dia.		Minimum Breaking Load (Metric Ton)	Approx Weight
mm	inch		Kg/m
10		4.9	0.34
12		7.1	0.48
14	9/16	9.6	0.66
16	5/8	12.6	0.86
18	11/16	16.0	1.10

Zinc-Coated Steel Wire Strands

Nominal Diameter of Strand, in. (mm)	Number of Wires in Strands	Nominal Diameter of Coated Wires in Strand, in. (mm)	Minimum Breaking Strength of Strand, LBS (KN)			Approximate Weight of Strand, lb/1000ft (kg/304.8m)
			Utilities Grade	High Strength Grade	Extra-High Strength Grade	
1/4(6.35)	7	0.080(2.03)		4,750(21.129)	6,650(29.581)	121(55)
9/32(7.14)	7	0.093(2.36)	4,600(20.462)	6,400(28.469)	8,950(39.812)	164(74)
5/16(7.94)	7	0.104(2.64)		8,000(35.586)	11,200(49.820)	205(93)
5/16(7.94)	7	0.109(2.77)	6,000(26.689)			225(102)
3/8(9.52)	7	0.120(3.05)	11,500(51.155)	10,800(48.040)	15,400(68.503)	273(124)
7/16(11.11)	7	0.145(3.68)	18,000(80.068)	14,500(64.499)	20,800(92.523)	399(181)
1/2(12.70)	7	0.165(4.19)	25,000(111.206)	18,800(83.627)	26,900(119.657)	517(234)
1/2(12.70)	19	0.100(2.54)		19,100(84.961)	26,700(118.768)	504(229)
9/16(14.29)	7	0.188(4.78)		24,500(108.981)	35,000(155.688)	671(304)
9/16(14.29)	19	0.113(2.87)		24,100(107.202)	33,700(149.905)	637(289)
5/8(15.88)	7	0.207(5.26)		29,600(131.667)	42,400(188.605)	813(369)
5/8(15.88)	19	0.125(3.18)		28,100(124.995)	40,200(178.819)	796(361)
3/4(19.05)	19	0.150(3.81)		40,800(181.487)	58,300(259.331)	1,155(524)
7/8(22.22)	19	0.177(4.50)		55,800(248.211)	79,700(354.523)	1,581(717)
1(25.40)	19	0.200(5.08)		73,200(325.610)	104,500(464.839)	2,073(940)

2. Lashing / Sling / Mining / Fishing

•6×7+FC

Nominal Dia.	Minimum Breaking Load (Metric Ton)		Approx Weight
	165 Kg/mm ²	180 Kg/mm ²	
mm	1620 N/mm ²	1770 N/mm ²	Kg/m
6	2.1	2.3	0.13
7	2.9	3.2	0.18
8	3.8	4.2	0.23
9	4.9	5.3	0.30
10	6.0	6.6	0.37
11	7.3	8.0	0.44
12	8.7	9.5	0.53
13	10.2	11.2	0.62
14	11.9	13.0	0.72
16	15.5	17.0	0.95
18	19.6	21.5	1.20
20	24.3	26.5	1.48
22	29.3	32.0	1.79
24	34.9	38.2	2.14
26	41.0	44.8	2.51
28	47.5	51.9	2.91
30	54.6	59.6	3.34
32	62.0	67.8	3.80
34	70.0	76.6	4.29
36	78.5	85.9	4.81
38	87.5	95.7	5.36
40	96.9	106	5.94

•6×12+FC

Nominal Dia.	Minimum Breaking Load (Metric Ton)		Approx Weight
	150 Kg/mm ²	165 Kg/mm ²	
mm	1470 N/mm ²	1620 N/mm ²	Kg/m
6.0	1.2	1.3	0.09
7.0	1.6	1.7	0.13
8.0	2.1	2.3	0.17
9.0	2.6	2.9	0.22
10.0	3.3	3.6	0.27
11.0	4.0	4.4	0.33
12.0	4.7	5.2	0.39
13.0	5.6	6.1	0.46
14.0	6.5	7.1	0.53
16.0	8.5	9.3	0.69
18.0	10.8	11.9	0.88
20.0	13.3	14.6	1.09
21.0	16.1	17.7	1.32
24.0	19.2	21.1	1.57
26.0	22.5	24.8	1.85
28.0	26.1	28.7	2.14
30.0	29.9	32.9	2.46
32.0	34.1	37.5	2.80
34.0	38.5	42.4	3.16
36.0	43.1	47.4	3.54
38.0	48.0	52.8	3.95
40.0	53.2	58.5	4.37



•6×15+FC

Nominal Dia.	Minimum Breaking Load (Metric Ton)		Approx Weight
	150 Kg/mm ²	165 Kg/mm ²	
mm	1470 N/mm ²	1620 N/mm ²	Kg/m
8.0	1.7	1.8	0.12
9.0	2.1	2.3	0.15
9.5	2.4	2.6	0.16
10.0	2.6	2.8	0.18
11.2	3.3	3.6	0.23
12.0	3.8	4.1	0.26
12.6	4.2	4.5	0.29
13.0	4.5	4.8	0.31
14.0	5.2	5.6	0.36
14.3	5.5	5.9	0.38
15.0	6.0	6.5	0.42
16.0	6.8	7.4	0.47
17.5	8.2	8.8	0.57
18.0	8.7	9.3	0.60
19.0	9.7	10.4	0.67
20.0	10.8	11.6	0.74
21.0	11.9	12.8	0.82
22.4	13.5	14.5	0.93
25.0	16.8	18.1	1.16
25.4	17.4	18.7	1.20
26.0	18.2	19.6	1.26
28.0	21.1	22.7	1.46
28.6	22.0	23.7	1.52
30.0	24.2	26.0	1.68

•6×24+FC

Nominal Dia.	Minimum Breaking Load (Metric Ton)			Approx Weight
	150 Kg/mm ²	165 Kg/mm ²	180 Kg/mm ²	
mm	1470 N/mm ²	1620 N/mm ²	1770 N/mm ²	Kg/m
8.0	2.9	3.2	3.5	0.21
9.0	3.7	4.0	4.4	0.26
9.5	4.2	4.5	4.9	0.30
10.0	4.6	5.0	5.4	0.33
11.2	5.8	6.3	6.8	0.41
12.0	6.7	7.2	7.8	0.47
12.6	7.3	7.9	8.6	0.52
13.0	7.8	8.4	9.2	0.56
14.0	9.1	9.8	10.7	0.65
14.3	9.5	10.3	11.2	0.67
15.0	10.5	11.3	12.3	0.74
16.0	11.9	12.8	14.0	0.85
17.5	14.2	15.4	16.8	1.01
18.0	15.1	16.3	17.7	1.07
19.0	16.8	18.1	19.8	1.19
20.0	18.6	20.1	21.9	1.32
21.0	20.5	22.1	24.1	1.46
22.4	23.3	25.2	27.5	1.66
24.0	26.8	28.9	31.5	1.91
25.0	29.1	31.4	34.2	2.07
25.4	30.0	32.4	35.3	2.14
26.0	31.4	33.9	37.0	2.24
28.0	36.5	39.3	42.9	2.60
28.6	38.0	41.0	44.8	2.71
30.0	41.9	45.2	49.3	2.98
32.0	47.6	51.4	56.1	3.40
34.0	53.8	58.0	63.3	3.83
35.0	57.0	61.5	67.1	4.06
36.0	60.3	65.0	71.0	4.30
38.0	67.2	72.5	79.1	4.79
40.0	74.4	80.3	87.6	5.31
41.5	80.1	86.4	94.3	5.71
42.0	82.0	88.5	96.6	5.85
44.0	90.0	97.2	106.0	6.42
44.5	92.1	99.4	108.0	6.57
46.0	98.4	106.0	116.0	7.02
48.0	107.0	116.0	126.0	7.64
50.0	116.0	125.0	137.0	8.30
50.8	120.0	130.0	141.0	8.56
52.0	126.0	136.0	148.0	8.97
54.0	136.0	146.0	160.0	9.68
56.0	146.0	157.0	172.0	10.41
57.2	152.0	164.0	179.0	10.86
58.0	156.0	169.0	184.0	11.17
60.0	167.0	181.0	197.0	11.95

•7×7×7 / 7×7×(S)19

Nominal Dia.		Construction	Minimum Breaking Load (Ton)	Approx Weight
mm	inch			
9.0	3/8		5.1	0.31
12.5	1/2	7×7×7	8.8	0.55
16.0	5/8		13.2	0.86
19.0	3/4		18.1	1.31
22.0	7/8	7×7×(S)19	24.0	1.77
25.0	1		30.6	2.32

3. General Purpose

•6×37+FC / 6×37+IWRC

Nominal Dia.	Minimum Breaking Load (Metric Ton)				Approx Weight	
	180Kg/mm ²		200 Kg/mm ²			
	1770 N/mm ²	1960 N/mm ²	Kg/m			
mm	FC	IWRC	FC	IWRC	FC	IWRC
8.0	3.7	4.1	4.0	4.3	0.23	0.25
9.0	4.6	5.2	5.0	5.5	0.29	0.32
9.5	5.2	5.8	5.6	6.1	0.32	0.36
10.0	5.7	6.4	6.2	6.8	0.36	0.40
11.2	7.2	8.1	7.8	8.5	0.45	0.50
12.0	8.3	9.3	9.0	9.8	0.51	0.57
12.6	9.1	10.3	9.9	10.9	0.57	0.63
13.0	9.7	10.9	10.6	11.6	0.60	0.67
14.0	11.3	12.7	12.3	13.4	0.70	0.78
14.3	11.8	13.2	12.8	14.0	0.73	0.82
15.0	13.0	14.6	14.1	15.4	0.81	0.90
16.0	14.8	16.6	16.0	17.5	0.92	1.02
17.5	17.7	19.8	19.2	21.0	1.10	1.23
18.0	18.7	20.9	20.3	22.2	1.16	1.30
19.0	20.9	23.4	22.6	24.7	1.30	1.45
20.0	23.1	25.9	25.1	27.4	1.44	1.60
21.0	25.5	28.6	27.6	30.2	1.58	1.77
22.4	29.0	32.5	31.4	34.4	1.80	2.01
24.0	33.3	37.3	36.1	39.4	2.07	2.31
25.0	36.1	40.4	39.2	42.8	2.25	2.51
25.4	37.3	41.8	40.4	44.2	2.32	2.59
26.0	39.1	43.8	42.3	46.3	2.43	2.71
28.0	45.3	50.7	49.1	53.7	2.82	3.15
28.6	47.3	53.0	51.2	56.0	2.94	3.22
30.0	52.0	58.2	56.4	61.6	3.24	3.61
32.0	59.2	66.3	64.1	70.1	3.68	4.11
34.0	66.8	74.8	72.4	79.1	4.16	4.64
35.0	70.8	79.3	76.7	83.9	4.41	4.92
36.0	74.9	83.9	81.2	88.7	4.66	5.21
38.0	83.5	93.5	90.5	98.9	5.20	5.80
40.0	92.5	104.0	100.0	110.0	5.76	6.43
41.5	99.6	112.0	108.0	118.0	6.20	6.92
42.0	102.0	114.0	111.0	121.0	6.35	7.09
44.0	112.0	125.0	121.0	133.0	6.97	7.78
44.5	115.0	129.0	124.0	136.0	7.13	7.96
46.0	122.0	137.0	133.0	145.0	7.62	8.50
48.0	133.0	149.0	144.0	158.0	8.30	9.26
50.0	145.0	162.0	157.0	171.0	9.00	10.05
50.8	149.0	167.0	162.0	177.0	9.29	10.37
52.0	156.0	175.0	169.0	185.0	9.74	10.87
54.0	169.0	189.0	183.0	200.0	10.51	11.72
56.0	181.0	203.0	196.0	215.0	11.30	12.61
57.2	189.0	212.0	205.0	224.0	11.79	13.15
58.0	195.0	218.0	211.0	230.0	12.12	13.52
60.0	208.0	233.0	226.0	246.0	12.97	14.47
63.0	230.0	258.0	249.0	272.0	14.30	15.95
63.5	233.0	261.0	253.0	276.0	14.53	16.21
74.0	317.0	355.0	343.0	375.0	19.73	22.01
76.2	336.0	376.0	364.0	398.0	20.92	23.34

•6×19+FC / 6×19+IWRC

Nominal Dia.	Minimum Breaking Load (Metric Ton)			Approx Weight	
	180Kg/mm ²		200 Kg/mm ²		
	1770 N/mm ²	1960 N/mm ²	Kg/m		
mm	FC	IWRC	IWRC	FC	IWRC
6	2.1	2.3	2.5	0.13	0.14
7	2.8	3.2	3.5	0.17	0.19
8	3.7	4.2	4.6	0.23	0.25
9	4.7	5.5	5.9	0.29	0.32
10	5.8	6.6	7.1	0.36	0.40
11	7.1	8.0	8.6	0.44	0.49
12	8.4	9.5	10.4	0.52	0.58
13	9.9	11.2	12.1	0.61	0.68
14	11.5	13.2	14.2	0.71	0.79
16	15.0	17.1	18.4	0.93	1.04
18	19.0	21.5	23.2	1.18	1.31
20	23.5	26.6	28.7	1.46	1.62
22	28.4	32.2	34.8	1.76	1.95
24	33.8	38.3	41.3	2.10	2.33
26	39.7	45.0	48.5	2.46	2.74
28	46.1	52.1	56.3	2.85	3.16
30	52.9	60.0	64.8	3.28	3.65
32	60.2	68.0	73.7	3.73	4.15
34	67.9	76.9	83.0	4.21	4.68
36	76.1	86.2	93.1	4.72	5.25
38	84.8	96.1	103	5.26	5.85
40	94.0	106	115	5.82	6.48
42	104	117		6.42	7.14
44	114	129		7.05	7.84
46	124	141		7.70	8.57
48	135	153		8.39	9.33
50	147	166		9.10	10.1
52	159	180		9.84	11.0
54	171	194		10.6	11.8
56	184	209		11.4	12.7
58	198	224		12.2	13.6
60	212	240		13.1	14.6
62	226	256		14.0	15.6
64	241	273		14.9	16.6
66	256	290		15.9	17.6