

GSW

Galvanized Steel Wire

Standard Specification : BS 183 : 1972



Technical Properties

Size	Number / Dia. of Wire	Calculated Cross Sect. Area	Approx. Overall Diameter	Approx. Weight	Calculated Breaking Load							Standard Length per Reel
					Grade 350	Grade 480	Grade 700	Grade 850	Grade 1000	Grade 1150	Grade 1300	
mm ²	No. / mm	mm ²	mm	kg/km	kN							m
8	3 / 1.80	7.6	3.88	61	2.65	3.66	-	-	-	-	-	2,000
17	3 / 2.65	16.5	5.71	132	5.80	7.95	-	-	-	-	-	2,000
25	3 / 3.25	24.9	7.00	198	8.70	11.95	-	-	-	-	-	2,000
38	3 / 4.00	37.7	8.62	300	13.20	18.10	-	-	-	-	-	2,000
10	4 / 1.80	10.2	4.35	81	3.55	4.90	-	-	-	-	-	2,000
22	4 / 2.65	22.1	6.40	175	7.70	10.60	-	-	-	-	-	2,000
33	4 / 3.25	33.2	7.85	264	11.60	15.90	-	-	-	-	-	2,000
50	4 / 4.00	50.3	9.66	400	17.60	24.10	35.20	-	-	-	-	2,000
9	5 / 1.50	8.8	4.05	70	3.10	4.24	6.18	-	-	-	-	2,000
13	5 / 1.80	12.7	4.86	101	4.45	6.10	8.90	-	-	-	-	2,000
28	5 / 2.65	27.6	7.16	219	9.65	13.25	19.30	-	-	-	-	2,000
41	5 / 3.25	41.5	8.78	330	14.50	19.90	29.00	-	-	-	-	2,000
63	5 / 4.00	62.8	10.80	499	22.00	30.15	43.95	-	-	-	-	2,000
2	7 / 0.56	1.7	1.68	14	0.60	0.83	1.20	-	1.70	1.98	2.24	2,000
3	7 / 0.71	2.8	2.13	22	0.97	1.33	1.94	-	2.75	3.19	3.60	2,000
4	7 / 0.85	4.0	2.55	31	1.39	1.90	2.80	-	3.95	4.57	5.15	2,000
4	7 / 0.90	4.5	2.70	35	1.55	2.14	3.10	-	4.45	5.12	5.80	2,000
5	7 / 1.00	5.5	3.00	44	1.92	2.64	3.85	-	5.50	6.32	7.15	2,000
9	7 / 1.25	8.6	3.75	68	3.01	4.10	6.00	-	8.55	9.88	11.15	2,000
11	7 / 1.40	10.8	4.20	85	3.75	5.17	7.54	9.16	10.75	12.35	14.00	2,000
14	7 / 1.60	14.1	4.80	112	4.90	6.75	9.85	11.95	14.10	16.20	18.30	2,000
18	7 / 1.80	17.8	5.40	141	6.23	8.55	12.45	-	17.80	20.50	23.20	2,000
22	7 / 2.00	22.0	6.00	174	7.70	10.55	15.40	-	22.00	25.30	38.60	2,000
31	7 / 2.36	30.6	7.08	243	10.70	14.70	21.40	-	30.60	35.20	39.80	2,000
39	7 / 2.65	38.6	7.95	306	13.50	18.50	27.00	-	38.60	44.40	50.20	2,000
49	7 / 3.00	49.5	9.00	392	17.30	23.75	34.65	-	49.50	56.90	64.30	2,000
55	7 / 3.15	54.6	9.45	432	19.10	26.20	38.20	-	54.55	62.75	70.90	2,000
58	7 / 3.25	58.1	9.75	460	20.30	27.85	40.65	-	58.05	66.80	75.50	2,000
70	7 / 3.65	73.2	10.95	581	25.60	35.15	51.25	-	73.25	84.20	95.20	2,000
88	7 / 4.00	88.0	12.00	697	30.90	42.20	61.60	-	88.00	101.0	114.0	2,000

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					Grade 350	Grade 480	Grade 700	Grade 850	Grade 1000	Grade 1150	Grade 1300	
mm ²	No. / mm	mm ²	mm	kg/km	kN							m
99	7 / 4.25	99.3	12.75	787	34.75	47.65	69.50	-	99.30	114.0	129.0	2,000
124	7 / 4.75	124.0	14.25	983	43.40	59.45	86.80	-	124.0	142.7	161.3	2,000
15	19 / 1.00	14.9	5.00	118	5.22	7.16	10.45	-	14.92	17.16	19.40	2,000
23	19 / 1.25	23.3	6.25	185	8.16	11.19	16.32	-	23.32	26.81	30.31	2,000
29	19 / 1.40	29.2	7.00	232	10.24	14.04	20.47	-	29.25	33.64	38.02	2,000
38	19 / 1.60	38.2	8.00	303	13.37	18.34	26.75	-	38.20	43.93	49.66	2,000
60	19 / 2.00	59.7	10.00	474	20.90	28.65	41.78	50.74	59.69	68.64	77.60	2,000
95	19 / 2.50	93.3	12.50	741	32.65	44.80	65.29	79.28	93.27	107.3	121.3	2,000
134	19 / 3.00	134.3	15.00	1,066	47.00	64.50	94.00	114.10	134.3	154.5	174.6	2,000
188	19 / 3.55	188.1	17.75	1,493	65.80	90.27	131.6	159.9	188.0	216.3	244.5	2,000
239	19 / 4.00	238.8	20.00	1,896	83.55	114.6	167.1	203.0	238.7	274.6	310.4	2,000
337	19 / 4.75	336.7	23.75	2,674	117.85	161.6	235.7	286.0	336.7	387.2	437.7	1,000