



Technical Properties

Size	Number / Dia. of Wire	Calculated Cross Sect. Area	Approx. Overall Diameter	Approx. Weight	Calculated Breaking Load				Standard Length per Reel
					Common Grade	Siemen- Martin Grade	High Strength Grade	Extra High Strength Grade	
Inch	No. / mm	mm ²	mm	kg/km	kN				m
1/8	7 / 1.04	5.9	3.12	47	2.402	4.048	5.916	8.140	2,000
5/32	7 / 1.32	9.6	3.96	76	3.870	6.539	9.519	13.078	2,000
3/16	7 / 1.57	13.6	4.71	107	5.115	8.452	12.677	17.748	2,000
7/32	3 / 2.64	16.4	5.69	131	6.228	10.409	15.569	21.796	2,000
7/32	7 / 1.83	18.4	5.49	146	6.850	11.387	17.126	24.020	2,000
1/4	3 / 3.05	21.9	6.57	174	8.274	13.523	21.040	29.981	2,000
1/4	7 / 2.03	22.7	6.09	180	8.452	14.012	21.129	29.581	2,000
9/32	3 / 3.3	25.7	7.11	204	9.252	15.035	23.398	33.362	2,000
9/32	7 / 2.36	30.6	7.08	243	11.432	18.905	28.469	39.812	2,000
5/16	3 / 3.68	31.9	7.93	254	11.076	18.193	28.246	40.479	2,000
5/16	7 / 2.64	38.3	7.92	304	14.234	23.798	35.586	49.820	2,000
3/8	3 / 4.19	41.4	9.03	329	14.813	24.732	37.187	52.489	2,000
3/8	7 / 3.05	51.1	9.15	405	18.905	30.915	48.040	68.503	2,000
7/16	7 / 3.68	74.5	11.04	590	25.355	41.591	64.499	92.523	2,000
1/2	7 / 4.19	96.5	12.57	765	32.917	53.823	83.627	119.657	2,000
1/2	19 / 2.54	96.3	12.70	765	33.895	56.492	84.961	118.768	2,000
9/16	7 / 4.78	125.6	14.34	996	42.703	69.837	108.981	155.688	2,000
9/16	19 / 2.87	122.9	14.35	976	42.881	71.616	107.202	149.905	2,000
5/8	7 / 5.26	152.1	15.78	1,206	51.599	84.961	131.667	188.605	2,000
5/8	19 / 3.18	150.9	15.90	1,198	48.930	80.513	124.995	178.819	2,000
3/4	19 / 3.81	216.6	19.05	1,720	71.172	116.543	181.487	259.331	2,000
7/8	19 / 4.5	302.2	22.50	2,400	97.416	159.691	248.211	354.523	2,000
1	19 / 5.08	385.1	25.40	3,058	127.664	209.066	325.610	464.839	1,000
1	37 / 3.63	382.9	25.41	3,042	125.885	205.508	319.827	456.832	1,000
1 1/8	37 / 4.09	486.1	28.63	3,862	160.136	262.000	407.457	581.827	1,000
1 1/4	37 / 4.55	601.6	31.85	4,780	198.391	324.720	505.318	721.502	1,000