

SPECIFICATIONS AND STANDARDS

GSW Stranded Conductor meets or exceeds ASTM A-475



CONSTRUCTION

CCS stranded Conductor is composed of galvanized steel wires in various strengths and zinc coatings, **Finish Coatings** : Class A, B and C and Aluzinc (5% Aluminum and 95% Zinc).

Combine the strength of high carbon steel wire with the excellent corrosion resistance of Class A, ASTM B6 High Grade, hot-dip zinc coating. Add a long history of service to the transmission industry, the pre-engineered building industry, the construction industry, and municipalities and you get strand that you can count on year after year.



APPLICATIONS

The galvanized steel wires or stranded Conductor are suitable for cores of ACSR to improve its tensile strength. they can also be used in the aerial transmission line as the line material of ground connection to avoid the lightning strike. Messenger Wire, Overhead Ground or Static Wire, Guy Wire.

This catalogue shows the most common sizes of Wire but other sizes, to any other standards or customer specification can also be supplied.

GSW Wire manufactured to ASTM-A475

Number of wires/ Nominal dia.	Approx.Strand Dia.		Utilities grade	Common grade	Siemens-martin grade	High-strength grade	Extra high-strength grade	Approx. Weight kg
	No./mm	Inch	mm	kN	kN	kN	kN	
3/2.64	7/32	5.56	-	6.228	10.409	15.569	21.796	131
3/3.05	1/4	6.35	14.012	8.274	13.523	21.040	29.981	174
3/3.05	1/4	6.35	20.017	-	-	-	-	174
3/3.30	9/32	7.14	-	9.252	15.035	23.398	33.362	204
3/3.68	5/16	7.94	28.913	11.076	18.193	28.246	40.479	255
3/4.19	3/8	9.52	37.810	14.813	24.732	37.187	52.489	328
7/1.04	1/8	3.18	-	2.402	4.048	5.916	8.140	48
7/1.32	5/32	3.97	-	3.870	6.539	9.519	13.078	76
7/1.57	3/16	4.76	-	5.115	8.452	12.677	17.748	109
7/1.65	3/16	4.76	10.676	-	-	-	-	119
7/1.83	7/32	5.56	-	6.850	11.387	17.126	24.020	146
7/2.03	1/4	6.35	-	8.452	14.012	21.129	29.581	180
7/2.36	9/32	7.14	20.462	11.432	18.905	28.469	39.812	244
7/2.64	5/16	7.94	-	14.234	23.798	35.586	49.820	305
7/2.77	5/16	7.94	26.689	-	-	-	-	335
7/3.05	3/8	9.52	51.155	18.905	30.915	48.040	68.503	407
7/3.68	7/16	11.11	80.068	25.355	41.591	64.499	92.523	595
7/4.19	1/2	12.70	111.206	32.917	53.823	83.627	119.657	770
7/4.78	9/16	14.29	-	42.703	69.837	108.981	155.688	1000
7/5.26	5/8	15.88	-	51.599	84.961	131.667	188.605	1211
19/2.54	1/2	12.70	-	33.895	56.492	84.961	118.768	751
19/2.87	9/16	12.49	-	42.881	71.616	107.202	149.905	949
19/3.18	5/8	15.88	-	48.930	80.513	124.995	178.819	1186
19/3.81	3/4	19.05	-	71.172	116.543	181.487	259.331	1721
19/4.50	7/8	22.22	-	97.416	159.691	248.211	354.523	2356
19/5.08	1	25.40	-	127.664	209.066	325.610	464.839	3089
37/3.63	1	25.40	-	125.885	205.508	319.827	456.832	3065
37/4.09	1 1/8	28.58	-	160.136	262.000	407.457	581.827	4010
37/4.55	1 1/4	31.75	-	198.391	324.720	505.318	721.502	4840