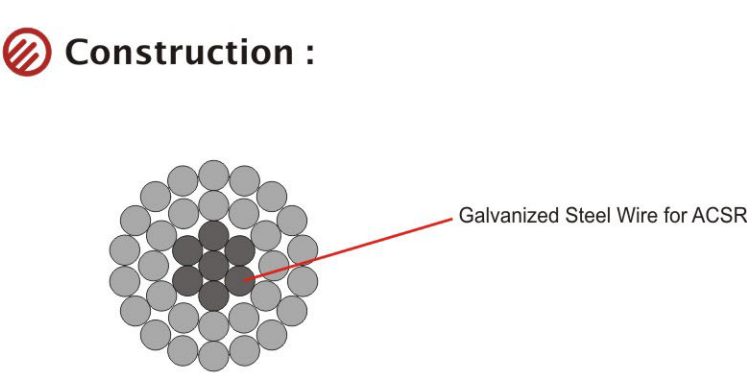
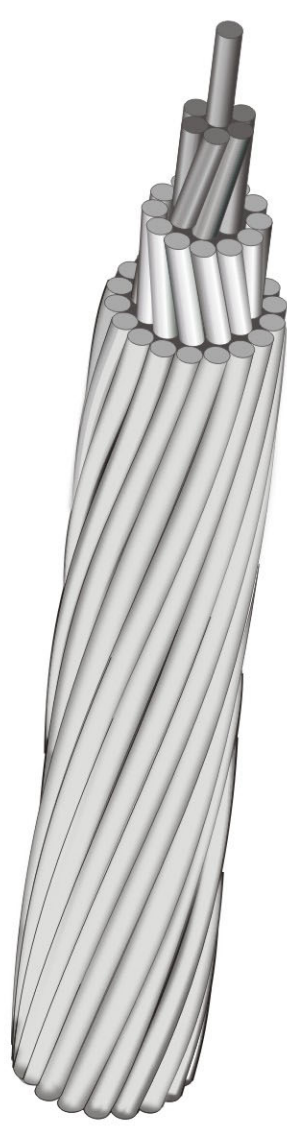


GALVANIZED STEEL WIRE FOR ACSR



 **Application :**

Used for mechanical reinforcement in the manufacture of aluminium conductors steel-reinforced (ACSR).

 **Technical Data :**

Standard : According to ASTM B 498,
SPLN 41-7 : 1981

 **Special Features Upon Request**

Size	No. of Wire / Dia. of Wire	Overall Dia.	Tolerance on Individu Diameter	Section Area	Approx. Weight	Tensile Strength		Tensile Strength at 1% Extension	Lay Pitch		Weight of Zinc
						Before	After		Min	Max	Min
mm ²	n / mm	mm	mm	mm ²	kg/km	MPa	MPa	MPa	mm	mm	g/m ²
20	7/1.90	5.70	±0.040	19.8	155.4	1310	1244	1170	75	159	214
25	7/2.10	6.30	±0.042	24.2	189.8	1310	1244	1170	82	176	214
30	7/2.33	6.99	±0.047	29.8	233.9	1310	1244	1137	91	195	229
32	7/2.40	7.20	±0.048	31.7	248	1310	1244	1137	94	201	229
35	7/2.49	7.47	±0.050	34.1	266.9	1310	1244	1137	98	209	229
40	7/2.68	8.04	±0.054	39.5	309.4	1310	1244	1137	105	255	229
45	7/2.87	8.61	±0.057	45.3	354.6	1310	1244	1137	112	241	244
50	7/3.00	9.00	±0.060	49.5	387.5	1310	1244	1137	117	252	244
55	7/3.20	9.60	±0.064	56.3	440.9	1310	1244	1103	125	268	244
70	7/3.60	10.80	±0.072	71.3	558	1310	1244	1103	141	302	259

Nominal Diameter	Weight of Zinc Coating			Tolerance on Diameter		Ultimate Tensile Strength		
	min.g/m ²			mm		min.MPa		
	Class A	Class B	Class C	Plus	Minus	Class A	Class B	Class C
1.270 - 1.521	183	366	549	0.038	0.025	1450	1380	1310
1.524 - 1.902	198	396	550	0.038	0.025	1450	1380	1310
1.905 - 2.283	214	437	610	0.038	0.025	1450	1380	1310
2.286 - 2.639	229	458	686	0.051	0.051	1410	1340	1280
2.642 - 3.045	244	488	732	0.051	0.051	1410	1340	1280
3.048 - 3.553	259	518	778	0.076	0.051	1410	1340	1280
3.556 - 4.569	274	549	824	0.102	0.076	1380	1280	1240
4.572 - 4.822	305	610	915	0.102	0.076	1380	1280	1240

Nominal Diameter	Stress at 1 % Extension			Elongation in 250 mm			Adherence Test	Wrap Test
	min.MPa			min.%				
	Class A	Class B	Class C	Class A	Class B	Class C		
mm	Class A	Class B	Class C	Class A	Class B	Class C		8 x 2d
1.270 - 1.521	1310	1240	1170	3.0	3.0	3.0	3d	No Fracture
1.524 - 1.902	1310	1240	1170	3.0	3.0	3.0	3d	
1.905 - 2.283	1310	1240	1170	3.0	3.0	3.0	3d	
2.286 - 2.639	1280	1210	1140	3.5	3.0	3.0	4d	
2.642 - 3.045	1280	1210	1140	3.5	3.0	3.0	4d	
3.048 - 3.553	1240	1170	1100	4.0	3.0	3.0	4d	
3.556 - 4.569	1170	1100	1070	4.0	4.0	4.0	5d	
4.572 - 4.822	1170	1100	1070	4.0	4.0	4.0	5d	

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