

## Products

### ACSR Wire and Strand

- In laying of high tension electric lines, ACSR wire or strand work mechanically, supporting tension stresses to which the aluminum conductor is subjected.
- Continuous filament with no welds
- Presentation in reels – no rewinding is necessary
- Coils are fastened tightly in order to avoid displacements during transportation
- High ductility & tension strength
- Consistent surface finish
- Surface quality improves adhesion of paints and coatings
- Galvanized core wire and strand are protected from corrosion and provide dependable performance for many years under adverse weather conditions
- Manufactured and packaged to your specifications in an ISO 9001:2000 facility

### CONFIGURATIONS:

- 7-wire strand
- 19-wire strand
- 37-wire strand
- 61-wire strand

### STANDARDS:

- Wire: ASTM B-498
- Strand: ASTM B-500
- Galvanization in Coating Classes A or B

### DIAMETERS:

- Wire sizes: 0.0525-0.188" (1.33 mm-4.78 mm)
- Strand sizes: 0.234-0.745" (5.94 mm-18.92 mm)

### PACKAGING:

- Coils: 397-419 lb (180-190 kg)
- Wooden reels: 1,100-2,200 lb (500-1,000 kg)

ACSR Wire Specifications - Imperial						
Diameter in	Stress At 1% Extension- Ksi		Ultimate Tensile Strength-Ksi		Elongation-250" min. %	
	Class A	Class B	Class A	Class B	Class A	Class B
0.05-0.0899	190	180	210	200	3.0	3.0
0.90-0.1199	185	175	205	195	3.5	3.0
0.12-0.1399	180	170	205	195	4.0	3.0
0.14-0.1900	170	160	200	185	4.0	4.0

Diameter in	Zinc Coating-min. oz/ft2	
	Class A	Class B
0.0500-0.0599	0.60	1.20
0.0600-0.0749	0.65	1.30
0.0750-0.0899	0.70	1.40
0.0900-0.1039	0.75	1.50
0.1049-0.1199	0.80	1.60

0.1200-0.1399	0.85	1.70
0.1400-0.1799	0.90	1.80
0.1800-0.1900	1.00	2.00

ACSR Wire Specifications - Metric						
Diameter	Stress At 1% Extension- MPa		Ultimate Tensile Strength-MPa		Elongation-250mm min. %	
mm	Class A	Class B	Class A	Class B	Class A	Class B
1.60-2.30	1310	1240	1450	1380	3.0	3.0
2.31-3.05	1280	1210	1410	1340	3.5	3.0
3.06-3.60	1240	1170	1410	1340	4.0	3.0
3.61-4.80	1170	1100	1380	1280	4.0	4.0

Diameter	Zinc Coating-min. g/m2	
mm	Class A	Class B
1.60-1.90	210	420
1.90-2.30	220	440
2.30-2.70	230	460
2.70-3.10	240	480
3.10-3.50	260	520
3.50-3.90	270	540
3.90-4.50	275	550
4.50-4.80	300	600

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