

Norm: ASTM A475 - Standard Specification for Zinc-Coated Steel Wire Strand

Applications & Usage:

Galvanized steel strand used in electrical and distribution networks.

Dimensional Characteristics

Nominal Conductor Diameter	: 5/16" (7.94 mm)
Number of Strands	: 7
Nominal Diameter of Steel Strands:	: 0.104" (2.64 mm)
Approximate Weight	: 205 lb./1000 ft (305 kg/km)
Stranding Lay (unless otherwise specified)	: Left Lay

Mechanical Characteristics

Common Grade

Minimum Breaking Strength of Strand	: 3,200 lbf (14.234 kN)
Minimum Elongation (24" or 610 mm)	: 10%

Siemens-Martin Grade (SM)

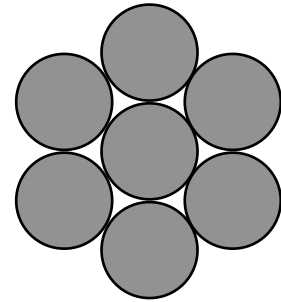
Minimum Breaking Strength of Strand	: 5,350 lbf (23.798 kN)
Minimum Elongation (24" or 610 mm)	: 8%

High Strength Grade (HS)

Minimum Breaking Strength of Strand	: 8,000 lbf (35.586 kN)
Minimum Elongation (24" or 610 mm)	: 5%

Extra High Strength Grade (EHS)

Minimum Breaking Strength of Strand	: 11,200 lbf (49.820 kN)
Minimum Elongation (24" or 610 mm)	: 4%



Galvanization Characteristics

Nominal Diameter of Steel Strands : 0.104" (2.64 mm)

Minimum Weight of Coating Zinc of Uncoated Wire Surface

- Class 1 - 0.30 oz/ft² (92 g/m²)
- Class A - 0.80 oz/ft² (244 g/m²)
- Class B - 1.60 oz/ft² (488 g/m²)
- Class C - 2.40 oz/ft² (732 g/m²)

Packaging

Material & Type of Packaging : Heat-Treated Wooden Reels (HT 284 / ISPM-15)

Length of Cable per Reel : As requested by client