

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

Applications & Usage:

Galvanized steel strand used in electrical and distribution networks.

Dimensional Characteristics

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|--|---------------------------------|
| Nominal Conductor Diameter | : 5/8" (15.88 mm) |
| Number of Strands | : 7 |
| Nominal Diameter of Steel Strands: | : 0.207" (5.26 mm) |
| Approximate Weight | : 813 lb./1000 ft (1,211 kg/km) |
| Stranding Lay (unless otherwise specified) | : Left Lay |

Mechanical Characteristics

Common Grade

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|-------------------------------------|--------------------------|
| Minimum Breaking Strength of Strand | : 11,600 lbf (51.599 kN) |
| Minimum Elongation (24" or 610 mm) | : 10% |

Siemens-Martin Grade (SM)

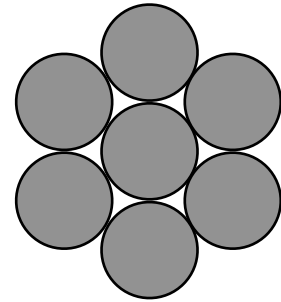
| | |
|-------------------------------------|--------------------------|
| Minimum Breaking Strength of Strand | : 19,100 lbf (84.961 kN) |
| Minimum Elongation (24" or 610 mm) | : 8% |

High Strength Grade (HS)

| | |
|-------------------------------------|---------------------------|
| Minimum Breaking Strength of Strand | : 29,600 lbf (131.667 kN) |
| Minimum Elongation (24" or 610 mm) | : 5% |

Extra High Strength Grade (EHS)

| | |
|-------------------------------------|---------------------------|
| Minimum Breaking Strength of Strand | : 42,400 lbf (188.605 kN) |
| Minimum Elongation (24" or 610 mm) | : 4% |



Galvanization Characteristics

Nominal Diameter of Steel Strands : 0.207" (5.26 mm)

Minimum Weight of Coating Zinc of Uncoated Wire Surface

- Class 1 - 0.40 oz/ft² (122 g/m²)
- Class A - 1.00 oz/ft² (305 g/m²)
- Class B - 2.00 oz/ft² (610 g/m²)
- Class C - 3.00 oz/ft² (915 g/m²)

Packaging

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

Length of Cable per Reel : As requested by client