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

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**Applications & Usage:**

Galvanized steel strand used in electrical and distribution networks.

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**Dimensional Characteristics**

Nominal Conductor Diameter	: 1/4" (6.35 mm)
Number of Strands	: 7
Nominal Diameter of Steel Strands:	: 0.080" (2.03 mm)
Approximate Weight	: 121 lb./1000 ft (180 kg/km)
Stranding Lay (unless otherwise specified)	: Left Lay

**Mechanical Characteristics**

**Common Grade**

Minimum Breaking Strength of Strand	: 1,900 lbf (8.452 kN)
Minimum Elongation (24" or 610 mm)	: 10%

**Siemens-Martin Grade (SM)**

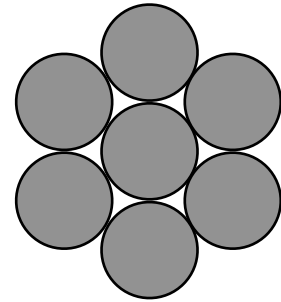
Minimum Breaking Strength of Strand	: 3,150 lbf (14.012 kN)
Minimum Elongation (24" or 610 mm)	: 8%

**High Strength Grade (HS)**

Minimum Breaking Strength of Strand	: 4,750 lbf (21.129 kN)
Minimum Elongation (24" or 610 mm)	: 5%

**Extra High Strength Grade (EHS)**

Minimum Breaking Strength of Strand	: 6,650 lbf (29.581 kN)
Minimum Elongation (24" or 610 mm)	: 4%



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### Galvanization Characteristics

Nominal Diameter of Steel Strands : 0.080" (2.03 mm)

Minimum Weight of Coating Zinc of Uncoated Wire Surface

- Class 1 - 0.30 oz/ft<sup>2</sup> (92 g/m<sup>2</sup>)
- Class A - 0.60 oz/ft<sup>2</sup> (183 g/m<sup>2</sup>)
- Class B - 1.20 oz/ft<sup>2</sup> (366 g/m<sup>2</sup>)
- Class C - 1.80 oz/ft<sup>2</sup> (549 g/m<sup>2</sup>)

### Packaging

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

Length of Cable per Reel : As requested by client