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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	: 9/16" (14.29 mm)
Number of Strands	: 7
Nominal Diameter of Steel Strands:	: 0.188" (4.78 mm)
Approximate Weight	: 671 lb./1000 ft (1,000 kg/km)
Stranding Lay (unless otherwise specified)	: Left Lay

**Mechanical Characteristics**

**Common Grade**

Minimum Breaking Strength of Strand	: 9,600 lbf (42.703 kN)
Minimum Elongation (24" or 610 mm)	: 10%

**Siemens-Martin Grade (SM)**

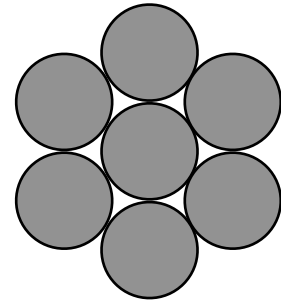
Minimum Breaking Strength of Strand	: 15,700 lbf (69.837 kN)
Minimum Elongation (24" or 610 mm)	: 8%

**High Strength Grade (HS)**

Minimum Breaking Strength of Strand	: 24,500 lbf (108.981 kN)
Minimum Elongation (24" or 610 mm)	: 5%

**Extra High Strength Grade (EHS)**

Minimum Breaking Strength of Strand	: 35,000 lbf (155.688 kN)
Minimum Elongation (24" or 610 mm)	: 4%



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### **Galvanization Characteristics**

Nominal Diameter of Steel Strands : 0.188" (4.78 mm)

Minimum Weight of Coating Zinc of Uncoated Wire Surface

- Class 1 - 0.40 oz/ft<sup>2</sup> (122 g/m<sup>2</sup>)
- Class A - 1.00 oz/ft<sup>2</sup> (305 g/m<sup>2</sup>)
- Class B - 2.00 oz/ft<sup>2</sup> (610 g/m<sup>2</sup>)
- Class C - 3.00 oz/ft<sup>2</sup> (915 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