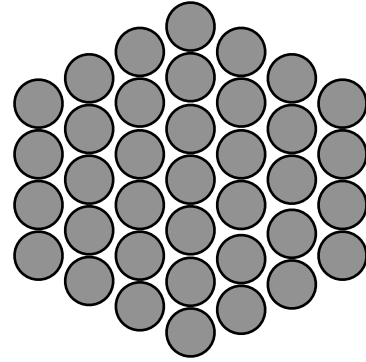




## Galvanized Steel Strand, 1" (37 Strands)



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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" (25.40 mm)
Number of Strands	: 37
Nominal Diameter of Steel Strands:	: 0.143" (3.63 mm)
Approximate Weight	: 2,057 lb./1000 ft (3,065 kg/km)
Stranding Lay (unless otherwise specified)	: Left Lay

### **Mechanical Characteristics**

#### ***Common Grade***

Minimum Breaking Strength of Strand	: 28,300 lbf (125.885 kN)
Minimum Elongation (24" or 610 mm)	: 10%

#### ***Siemens-Martin Grade (SM)***

Minimum Breaking Strength of Strand	: 46,200 lbf (205.508 kN)
Minimum Elongation (24" or 610 mm)	: 8%

#### ***High Strength Grade (HS)***

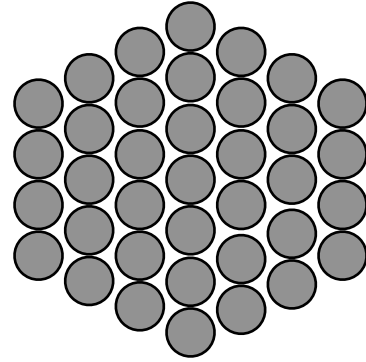
Minimum Breaking Strength of Strand	: 71,900 lbf (319.827 kN)
Minimum Elongation (24" or 610 mm)	: 5%

#### ***Extra High Strength Grade (EHS)***

Minimum Breaking Strength of Strand	: 102,700 lbf (456.832 kN)
Minimum Elongation (24" or 610 mm)	: 4%



## Galvanized Steel Strand, 1" (37 Strands)



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### Galvanization Characteristics

Nominal Diameter of Steel Strands : 0.143" (3.63 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 - 0.90 oz/ft<sup>2</sup> (275 g/m<sup>2</sup>)
- Class B - 1.80 oz/ft<sup>2</sup> (549 g/m<sup>2</sup>)
- Class C - 2.70 oz/ft<sup>2</sup> (824 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