



WIRE ARMOUR

Part No. 46-1700



Specifications

A 7 mil (0.18mm) general purpose grade, pressure sensitive vinyl tape for all kinds of mechanical and electrical applications. Good weather resistance and flame retardant. 46-1700 can be used as primary insulation for splices up to 600 volts. Use as protective outer jacket over splices and for general repair work.

Technical Characteristics

| Property | Value | Unit | Test Method |
|-------------------------------|--------|---------|------------------|
| Color | Black | --- | --- |
| Thickness | 0.007 | inch | ASTM D 1000 |
| | 0.18 | Mm | ASTM D 1000 |
| Tensile Strength | 16 | lb./in. | ASTM D 1000 |
| | 29 | N/cm | ASTM D 1000 |
| Elongation | 200 | % | ASTM D 1000 |
| Adhesion to Steel | 16 | oz./in. | ASTM D 1000 |
| | 1.8 | N/cm | ASTM D 1000 |
| Temperature Rating: Maximum | 176/80 | °F / °C | UL 510 |
| | 176/80 | °F / °C | CSA 22.2 no. 197 |
| Temperature Rating: Minimum | 32/0 | °F / °C | UL 510 |
| | 32/0 | °F / °C | CSA 22.2 no. 197 |
| Dielectric Strength: Standard | 7,000 | V | ASTM D 1000 |
| Dielectric Strength: Wet | 6,300 | V | ASTM D 1000 |

Information provided is for reference only. Data in table represents average test results and are not to be used for specification purposes. The product user should make their own tests to determine the products suitability for the intended use.

Features:

- 7 mil thickness
- Weather resistant
- Good dielectric strength
- Good elasticity
- Flame retardant
- Resistant to sun, water, oil, acids, alkalis and corrosive chemicals
- Meets:
 - ASTM D 1000
 - UL 510
 - CSA C 22.2 No. 197
 - RoHS (Pb, Cd, Hg, Cr6, PBB, PBDE)

Recommended Uses:

Used for general splicing purposes. Can be used as primary insulation for splices up to 600 volts. Provides a protective outer jacket over splices. Can be used for wrapping wire harnesses and insulating degaussing coils.

Standard Sizes:

0.75 in. x 60 ft. (19mm x 18m)



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