



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. Indoor and outdoor rated.

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

Features:

- 7 mil thickness
- Weather resistant, indoor and outdoor rated
- 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)

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



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