



WIRE ARMOUR

Part No. 46-2200-6.5x4



Specifications

An insulating mastic with vinyl backing which provides superior adhesion and dielectric strength required to seal and insulate electrical connections on buried, submerged, or overhead cables up to 1,000 volts. The vinyl backing adds mechanical strength and is UV resistant. 46-2200 is impermeable to ozone, water, dirt, and corrosive chemicals and adheres quickly and permanently without affecting the insulation or conductive polymer shielding.

Technical Characteristics

Property	Value	Unit	Test Method
Color	Black	---	---
Thickness	0.13	inch	ASTM D 4325
	3.3	mm	ASTM D 4325
Operating Temp. Continuous	194 / 90	°F / °C	ASTM D 4325
Emergency Overload Temp.	266 / 130	°F / °C	ASTM D 4325
Water Absorption	0.10	%	ASTM D 570
Copper Corrosion	None	Visual	ASTM D 69
Ozone Resistance	Pass	Visual	ASTM D 4325
UV Resistance	Pass	Visual	ASTM D 4325
Dielectric Strength	20	kV/mm	ASTM D 149
Dielectric Constant	3.2	---	ASTM D 150
Dissipation Factor	0.025	%	ASTM D 150
Volume Resistivity	1×10^{15}	$\Omega \cdot \text{cm}$	ASTM D 257

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:

- 130 mil thickness
- High dielectric strength
- Superior adhesion to metal, cable insulations, and jackets
- UV resistant
- Moisture, corrosion, and chemical resistant
- Suitable for direct burial, submerged, and overhead applications
- Vinyl backing

Recommended Uses:

For encapsulating and protecting direct buried low voltage connections and devices, terminations, overhead connectors, duct seals, and cable end seals. Perfect for covering molded joints on CN cables.

Standard Sizes:

6.5" x 4" (163mm x 100mm)

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