

Description

A 125 mil (3,2mm) self-amalgamating, low voltage insulating compound designed for quick, void-free insulation build-up. 125 can be easily molded by hand to conform to irregular shapes and can be used as primary insulation for splices through 5kV in conjunction with other insulating tapes. 125 is ideal for covering split bolts, padding bus bar edges and connections, and provides an excellent moisture seal. MIL-I-17695A and ASTM-D-4325.

Recommended Uses

125 can be used as a primary insulation for connections up to 5kV in conjunction with high voltage insulating tape or vinyl plastic electrical tape. 125 is ideal for covering split-bolt connections, padding bus bar edges and connections, and sealing switchgear and transformer terminals.

Specifications

Property	Value	Unit	Test Method
Physical			
Color	Black		
Thickness	3,2	mm	ASTM D 4325
	0,125	inch	ASTM D 4325
Elongation	1000	%	ASTM D 4325
Heat Resistance	Pass @ 95 °C	Visual	ASTM D 4325
Operating Temperature			
Maximum Continuous	80	°C	ASTM D 4388
Emergency Overload	95	°C	ASTM D 4388
Separator	Pass	Visual	ASTM D 4388

Chemical			
Water Absorption	0,13	%	ASTM D 570
Copper Corrosion	None	Visual	ASTM D 69

Electrical			
Dielectric Strength	23 Min.	kV/mm	ASTM D 4325
	585 Min.	V/mil	ASTM D 4325
Volume Resistivity	10 ¹³	OhmxcM	ASTM D 4325

(Based on testing of a 30 mil sample)

Data in table represent average test results and are not to be used for specification purposes. The product user should make his/her own tests to determine the product's suitability for the intended use.

Features

- Builds up insulation quickly
- Easy to mold
- Self-amalgamates into a solid flexible mass
- Will not corrode copper or aluminum
- Highly moisture resistant

Product Approvals

- Meet ASTM-D-4325

Standard Sizes

- 1 1/2 in x 5 ft
38 mm x 1.5 m



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