

Description

W963 Plysafe is 30 mil (0,76mm) ethylene propylene rubber, self-amalgamating high voltage tape for insulating and jacketing splices through 69kV. W963 Plysafe amalgamates quickly, yielding a void-free, electrically stable build-up and is ideal for water-proofing. ASTM-D-4388, HH-I-553C/Grade A, MIL-I-3825B.

Recommended Uses

For insulating and jacketing of splices on power cable from 600 volts through 69000 volts and for building stress cones and for jacketing of terminations on power cable through 35000 volts. Provides a moisture seal for all water-proofing needs and insulations and protects bus components. Due to its highly stable mechanical and chemical properties, W963 Plysafe is ideal for cable jacket repair and restoration.

Specifications

Property	Value	Unit	Test Method
Physical			
Color	Black	---	---
Thickness	0,76	mm	ASTM D 4388
	0.030	inch	ASTM D 4388
Tensile Strength	396	psi	ASTM D 4388
	30	N/cm	ASTM D 4388
Elongation	750	%	ASTM D 4388
Fusion	2 Max.	mm	ASTM D 4388
	5/64 Max.	inch	ASTM D 4388
Operating Temperature	90	°C	ASTM D 4388
	130	°C	ASTM D 4388
Emergency Overload			

Chemical			
Water Absorption	0,06	%	ASTM D 570
Ozone Resistance	Pass	Visual	ASTM D 4388
UV Resistance	Pass	Visual	ASTM D 4388

Electrical			
Dielectric Strength	30	kV/mm	ASTM D 4388
	750	V/mil	ASTM D 4388
Dielectric Constant	2,7	---	ASTM D 4388
	2,9	---	ASTM D 4388
Dissipation Factor	0,005	---	ASTM D 4388
	0,015	---	ASTM D 4388
Volume Resistivity	10 ¹⁶	Ohm · cm	ASTM D 4388
	10 ¹³	Ohm · cm	ASTM D 4388

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

- Self-amalgamating
- Outstanding corona and ozone resistance
- UV Resistant
- Excellent moisture, corrosion and chemical resistance

Product Approvals

- ASTM-D-4388
- HH-I-553C/Grade A
- MIL-I-3825B

Standard Sizes

- 3/4 in x 30 ft
19 mm x 9 m
- 1 in x 30 ft
25 mm x 9 m
- 1 1/2 in x 30 ft
38 mm x 9 m
- 2 in x 33 ft
51 mm x 10 m



Consult factory for other sizes

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