

Plymouth

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RECOMMENDED USES

For sealing, insulating and padding all low voltage electrical connections. Ideal for splicing and sealing applications in the Telecommunications, CATV and Electrical Industries.

FEATURES

- Self-fusing
- UV and weather resistant
- Strong adhesion to metal, cable insulation and jackets.

Vinyl Mastic (VM)

Self - Bonding Mastic Tape

A self-fusing mastic compound with an all-weather, premium vinyl backing that can be used for insulating and water-sealing electrical connections through 600 volts. Small roll sizes can be stretched and molded around irregular shapes, even in tight locations. Provides excellent electrical properties, superior adhesion and moisture and chemical resistance. Vinyl backing adds UV protection. Use for insulating overhead and direct buried low voltage connections, motor lead connections and cable and conduit repair.

- Excellent corrosion resistance
- Superior dielectric Strength
- Long lasting cathodic protection

Cat.	Form	Dimensions		Packaging	Weight
2817	roll	3/4" x .025" x 20'	25mm x 0.835mm x 6m	20/case IB	30 lbs 14 kg
2818	roll	1 1/2" x .025" x 20'	44mm x 0.835mm x 6m	40/case IB	30 lbs 14 kg
2809	roll	4" x .050" x 10'	100mm x 1.3mm x 3m	10/case IB	13 lbs 8 kg

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PROPERTY	VALUE	UNIT	TEST METHOD
PHYSICAL			
Color	Black	--	Visual
Thickness	1,27	mm	ASTM D 4325
	0,05	inch	ASTM D 4325
Continuous Operating Temp	90	°C	ASTM D 4325
Emergency Overload	130	°C	ASTM D 4325
Adhesion to Steel	26,0	N/10mm	ASTM D 1000
Adhesion to PE	22,0	N/10mm	ASTM D 1000
Elongation	220	%	ASTM D 4325
CHEMICAL			
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
ELECTRICAL			
Dielectric Constant	3,2	--	ASTM D 4325
Dissipation Factor	0,025	%	ASTM D 4325
Dielectric Strength	19,7	kV/mm	ASTM D 149
	500	VPM	ASTM D 149
Volume Resistivity	1x10 ¹⁵	Ohm-cm	ASTM D 257
Insulation Resistance	>1000000	MegaOhm	ASTM D 257

Information provided is for reference only. 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.