

# PVC Electrical Insulation Economic Tape Technical Data Sheet



## FEATURES

Developed with a plastified PVC film, to be used as a electric insulate, it have a great stickyness and is easy-to-use, resist up to 600 Volts and 80° C.



## PRODUCT APPLICATION

Useful for electric splices, cable joints, maintenance centers, as a first hand item in workshops and for home repairs.



## COLORS

Black ●



## SUGGESTION

Is essential that the surface on which the tape is applied is clean, dry and free of grease, oil and other contaminants.



## LIFETIME AND STORAGE

The lifetime of this product is 1 year since fabrication, keeping it in its original boxes away from heat sources as: Direct sunlight or shelves next to exterior roofs.

The floor's cold and humidity could affect the product performance, the suitable conditions for storage are: 69,8 °F and 51% of relative humidity. We recommend rotating the stock in the practice of "first in, first out".

Composition		Specification	
Backing		Plastified PVC	
Adhesive		Rubber - Resin	
Adhesive Activation		Pressure Sensitive	
Composition	Metric Unit	Standard Unit	Test Method
Backing Thickness	170 microns	6.7 mils	PSTC-133
Dry Adhesive Thickness	10 microns	0.4 mils	PSTC-133
Total Thickness	180 ± 2 microns	7.1 ± 0.078 mils	PSTC-133
Organic Solvent's Composition	< 1%	< 1%	N/A
Adhesive Properties		Metric Unit (Minimum Value)	Standard Unit (Minimum Value)
Adhesion to Steel 180° (Peel)		300 g/inches	11 oz/inches
Loop Tack (Stickness)		600g/inches	21 oz/inches
Shear 1"x1"x1kg (Holding Power)		N/A hours	N/A hours
Primary Physical Properties		Metric Unit	Standard Unit
Tensile Strength		13% N/cm	7.4% lb/inches
Elongation		100%	100%
Thermic / Electric Properties		Metric Unit	Standard Unit
Minimum Temperature of Application		0 °C	32 °F
Maximum Temperature of Application		35 °C	95 °F
Dielectric Resistance		40KV/mm	40KV/mm
			GB/T20631.2
Measures	Metric Unit	Standard Unit	
Width	19 mm	3/4 inches	
Length	9,18 m	10, 20 yards	

Note: For special colors and measures, please contact our sales agent.



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