

RT-1M11C

Mono-directional Electrical Insulation Filament Tape

Product Description

The tape is made of an electrical-grade polyester backing reinforced with mono directional glass filaments and an oil-compatible acrylic pressure sensitive adhesive. With clean removal, insulation, high temperature resistant characteristics. Exhibits steady adhesion as insulation material for oil type transformer applications, etc.
Alternative to #1139, PS 25, PS 249 etc



Main Application

- * Good initial adhesion of the tape to magnet wire, strip copper and insulation materials
- * Stable adhesion even after long exposure to transformer fluids
- * Easy consistent unwind to promote operator efficiency
- * Saturable backing for air entrapment resistance which minimizes the trapped air between adhesive layers in the application
- * Application where requires high temperature resistant, etc

Construction

*Backing:	Polyester film	*Adhesive:	Thermosetting Acrylic Adhesive
*Backing Color:	Clear	*Reinforcement:	Mono-directional continuous glass yarn

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only, and should not be used for specification purposes.

Typical Physical Properties

Total Thickness:	0.16 mm	6.3 mil	ASTM D-3652
Adhesion to Steel:	20 N/25mm	72 oz/ in	ASTM D-3330
Tensile strength:	900 N/25mm	202 lbs/in 36.73 kg/cm	ASTM D-3759
Elongation at Break:	3~5%		ASTM D-3759
Breakdown Voltage	5.5 kv		
Temperature Class	155°C (F)		

Storage Conditions

Store behind present stock. Store in a clean, dry place. Temperature of 4~26 °C (40~80 °F) and 40~50% relative humidity are recommended. Rotate your stock.

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