

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 applie
- * Application where requires high temperature resistant, etc

Construction

*Backing:	Polyester film	*Adhesive:	Thermosetting Acrylic Adhesive
*Backing Color:	Clear	*Reinforceme	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	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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