

TECHNICAL DATA

POLYIMIDE FILM ELECTRICALTAPE

Product Code: BT7172



Description : BT7172 is a high performance, electrical tape with a polyimide film backing. This tape is designed to provide thick insulation for coils, harnesses and capacitors. The flame retardant tape withstands a temperature range of 32 to 356 °F (0 to 180 °C). Suitable for use as wave solder masking tape in a printed circuit board assembly

Features/benefits : Insulation tape for high temperature
UL Listed and RoHS Compliant
Outer wrap for transformers, toroidal coils, motor coils, and bundling of armature coils

Application : Polyimide tape is also used in the auto industry for wrapping switches, diaphragms, sensors, and coils in seat heaters. The aerospace industry uses Polyimide tape primarily for the insulation of aircraft and spacecraft wings.

Technical Details :	<u>PROPERTIES</u>	<u>UNIT</u>	<u>SPECIFICATION</u>
	TOTAL THICKNESS	mm	0.63
	TENSILE STRENGTH	kg/25mm	13.6
	ELONGATION	%	50
	ADHESION TO STEEL	kg/25mm	0.7
	DIELECTRIC BREAKDOWN	kV	6.5
	TEMPERATURE CLASS	°C	180

Test Method : In accordance with ASTM D-1000 method

Shelf Life : 6 months when storage at 23°C and 65% relative humidity

Availability : Standard 30M roll, 3" core, width 980mm

Important Notice to Purchase

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