

# TECHNICAL DATA

## KAPTON FILM ELECTRICALTAPE

**Product Code: BT7178**



**Description :** BT7178 is a high performance, electrical tape made of acrylic adhesive laminate with a polyimide film backing. This tape is designed to provide thick insulation for coils, harnesses and capacitors. Highly conformable with a pressure-sensitive, acrylic adhesive

**Features/benefits :** Flame-retardant and has polyamide backing  
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	6.2
	TEMPERATURE CLASS	°C	155

**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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