

# TECHNICAL DATA

## KAPTON FILM ELECTRICALTAPE

**Product Code: BT7270**



**Description :** BT7270 is a high performance, electrical tape made of silicon adhesive laminate with a 2 mil polyimide film backing. This tape is designed to provide thick insulation for coils, harnesses and capacitors. For electrical insulation of coils, transformers, wires and cables for class H (180°C) applications.

**Features/benefits :** 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.

<u>PROPERTIES</u>	<u>UNIT</u>	<u>SPECIFICATION</u>
TOTAL THICKNESS	mm	0.09
TENSILE STRENGTH	kg/25mm	30
ELONGATION	%	60
ADHESION TO STEEL	kg/25mm	0.55
DIELECTRIC BREAKDOWN	kV	8.5
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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