

TECHNICAL DATA

KAPTON FILM ELECTRICALTAPE

Product Code: BTPST



Description : BTPST is 25µm Kapton® polyimide film single coated with a cured silicone adhesive system, 60µm total thickness. Recommended for a variety of high temperature protection and insulation applications (180°C thermal class H).

Features/benefits : Good resistance to most alcohols, esters, ketones and oils.
High strength backing provides superior puncture, tear and abrasion resistance.
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	0.06
TENSILE STRENGTH	kg/25mm	11
ELONGATION	%	60
ADHESION TO STEEL	kg/25mm	0.8
DIELECTRIC BREAKDOWN	kV	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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