

TECHNICAL DATA

KAPTON POLYIMIDE FILM ELECTRICAL TAPE

Product Code: BTPIS



Description : BTPIS is a high performance Kapton tape made of high temperature silicone adhesive laminate with 0.025mm Dupont polyimide film carrier. This tape is designed to provide thick insulation for coils, harnesses and capacitors.

Features/benefits : Flame-retardant and has polyimide backing
Removes cleanly and in one piece after being exposed to high temperatures.
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 | 11 |
| | ELONGATION | % | 50 |
| | ADHESION TO STEEL | kg/25mm | 0.6 |
| | DIELECTRIC BREAKDOWN | kV | 6 |
| | TEMPERATURE CLASS | °C | 260 |

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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