

TECHNICAL DATA

KAPTON POLYIMIDE FILM TAPE

Product Code: BT7170



Description : BT7170 Polyimide Film Electrical Tape is based on 0.025mm Kapton® polyimide film coated with heat resistant silicone adhesive, which exhibits outstanding temperature resistance as well as excellent mechanical and electrical properties. UL recognized. Radiation resistant. Short-term heat resistance up to 260 °C.

Features/benefits : Flame-retardant tape and has polyimide backing for high-stress conditions in traction machine manufacturing, generator production outer wrap for transformers, toroidal coils, motor coils, and bundling of armature coils

Application : BT7170 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).

Technical Details :	<u>PROPERTIES</u>	<u>UNIT</u>	<u>SPECIFICATION</u>
	TOTAL THICKNESS	mm	0.065
	TENSILE STRENGTH	kg/25mm	11
	ELONGATION	%	55
	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

All Statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed and the following is made in lieu of all warranties, express or implied: Seller's and manufacturer's only obligation shall be to replace such quantity of the product of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury loss or damage direct or consequential arising out of the use of or the inability to use the product. Before using users shall determine the suitability of the product for their intended uses and users assume all risk and liability whatsoever in connection there with.

No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of Seller and manufacturer.

