

TECHNICAL DATA

COMPOSITE TAPE

Product Code: **BT81B**

Fabric Composite White Polyester Insulation Tape



Description : BT81B PET film with non-woven polyester reinforced fibers with acrylic adhesive. UL recognized, temperature rating up to 155 °C.

Features/Benefits : It is excellent solvent resistance with quick grab property, as well as outstanding adhesion. Its flexibility of backing materials, enables easy manual or machine applications.

Application : Ideal insulating material for the fabrication of transformers.

Technical Details :	<u>PROPERTIES</u>	<u>UNITS</u>	<u>SPECIFICATION</u>
	TOTAL THICKNESS	mm(mil)	0.11 ± 0.01(4.4)
	TENSILE STRENGTH	kg/25mm(lb/in)	15(33)(147)
	ELONGATION	(N/25mm)	64
	ADHESION TO STEEL	%	1.5(53)(14.7) 5.7
	DIELECTRIC BREAKDOWN	kg/25mm(oz/in)	1×10^{12}
	INSULATION RESISTANCE	(N/25mm)	155
	TEMPERATURE RATING	kV	
		ohm	
		°C	

Color : Black

Test Method : In accordance with ASTM-D-1000 method

Availability : Standard 90M roll, 3" core, width 960mm

Shelf Life : 6 months when storage at 23°C and 65% relative humidity

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