

TECHNICAL DATA

“PPS” Polyphenylene Sulfide Tape Product Code: **BTS2A**



Description : PPS tape #1PS2A is made by PPS (Polyphenylene Sulfide) film backing with acrylic adhesive. PPS film with an excellent heat resistance, chemical resistance; and physical strength.

Application : It is designed for high temperature application of chop type aluminum foil condenser, insulation of the electrodes of lithium ion secondary battery or high temperature transformers and inverter transformers for LCD backlighting.

<u>Technical Details :</u>	<u>PROPERTIES</u>	<u>UNIT</u>	<u>SPECIFICATION PPS</u>
	BACKING	-	
	COLOR	-	Natural
	ADHSION TAPE	-	Acrylic
	TOTAL THICKNESS	mm (mil)	0.055 ± 0.006 (2.2)
	BACKING THICKNESS TENSILE	mm (mil)	0.025 (1)
	STRENGTH ELONGATION		
	ADHESION TO STEEL DIELECTRIC	kg/25mm (lb/in)(N/10mm)	10(22)(39.2)
	BREAKDOWN	%	60
	ELECTROLYTIC CORROSION	kg/25mm (oz/in)(N/10mm)	0.9(31)(3.52)
	FACTOR	kV	4
	INSULATION RESISTANCE	-	1.0
	TEMPERATURE CLASS	ohm	1x10 12
		°C	155

In accordance with ASTM method



Test Method :

Shelf Life : 6 months when storage at 73°F and 65% relative humidity

Availability : Standard 33M & 50 M roll, width from 2mm and up is available

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