

TECHNICAL DATA

“PPS” Polyphenylene Sulfide Tape Product Code: BTS2S



Description : PPS tape #BTS2S is made by PPS (Polyphenylene Sulfide) film backing with silicone 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.

Technical Details :	<u>PROPERTIES</u>	<u>UNIT</u>	<u>SPECIFICATION</u>
	BACKING	-	PPS
	COLOR	-	Natural
	ADHSION TAPE	-	Silicone
	TOTAL THICKNESS	-	0.05 ± 0.005 (2)
	BACKING THICKNESS	mm (mil)	0.025 (1)
	TENSILE STRENGTH	mm (mil)	13 (51)
	ELONGATION	kg/25mm	60
	ADHESION TO STEEL	(N/10mm)	0.66 (6.5)
	DIELECTRIC BREAKDOWN ELECTROLYTIC	%	4
	CORROSION FACTOR INSULATION	kg/25mm(N/25m	1.0
	RESISTANCE TEMPERATURE CLASS	m)	1x10 ¹²
		kV	180
		-	
		ohm	
		°C	



Test Method : In accordance with ASTM method

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

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

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