

TECHNICAL DATA

“PPS” Polyphenylene Sulfide Tape Product Code: 1PS2S

P. LEO & CO LTD

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UL FILE #E126174

Description : PPS tape #1PS2S 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	mm (mil)	0.05 ± 0.005 (2)
	BACKING THICKNESS	mm (mil)	0.025 (1)
	TENSILE STRENGTH	kg/25mm (N/10mm)	13 (51)
	ELONGATION	%	60
	ADHESION TO STEEL	kg/25mm(N/25mm)	0.66 (6.5)
	DIELECTRIC BREAKDOWN	kV	4
	ELECTROLYTIC CORROSION FACTOR	-	1.0
	INSULATION RESISTANCE	ohm	1x10 ¹²
	TEMPERATURE CLASS	°C	180



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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