

TECHNICAL DATA

“PPS” Polyphenylene Sulfide TAPE

Product Code: 1PS25

P. Leo & Co. (B. C.) Ltd.

150-12820 Clarke Place, Richmond, B.C. V6V 2H1, Canada

Telephone : (604)270-6115 * Facsimile : (604)605-6128

E-mail : sales@pleo.com

Web Site : <http://www.pleo.com>



UL FILE #E126174

Description: **PPS tape**, 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

Technical Details:

<u>PROPERTIES</u>	<u>UNIT</u>	<u>SPECIFICATION</u>
BACKING	-	PPS
COLOR	-	Natural
BACKING THICKNESS	mm	0.025
TOTAL THICKNESS	mm	0.055±0.003
ADHSION TAPE	-	Acrylic
TENSILE STRENGTH	kg/25mm	10
ELONGATION	%	60
ELECTROLYTIC CORROSION FACTOR	-	1.0
ADHESION TO STEEL	kg/25mm	0.90 @23°C
DIELECTRIC BREAKDOWN	kV	>4
INSULATION RESISTANCE,	OHM -	> 1 × 10 ¹²
TEMPERATURE CLASS	°C	155

Test Method: In accordance with ASTM 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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