

TECHNICAL DATA

“PPS” Polyphenylene Sulfide Tape Product Code: 1PS2A



P. Leo & Co Ltd

Email : sales@bcwire.net



UL File No. E126174

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.

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

Important Notice to Purchase

All Statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness there of is not guaranteed and the following is made in lieu of all warranties, express or implied: Seller's and manufacturer's only obligation shall be to replace such quantity of the product of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury loss or damage direct or consequential arising out of the use of or *he inability to use the product. Before using users shall determine the suitability of the product for their intended uses and users assume all risk and liability whatsoever in connection there with.

No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of Seller and manufacturer.

