

TECHNICAL DATA

“PPS” Polyphenylene Sulfide TAPE

Product Code: 1PS2A

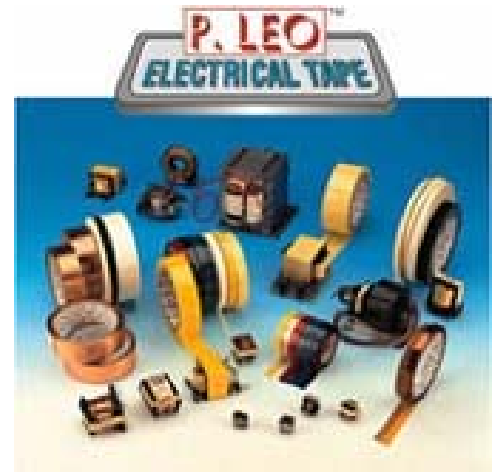
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Description: **PPS tape**, is made by PPS (Polyphenylene Sulfide) film backing with acrylic adhesive. PPS film with an excellent heat resistance, chemical resistance; and physical strength.

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±0.0025 |
| TOTAL THICKNESS | mm | 0.04±0.003 |
| ADHSION TAPE | - | Acrylic |
| TENSILE STRENGTH | kg/25mm | 10 |
| ELONGATION | % | 60 |
| ELECTROLYTIC CORROSION FACTOR | - | 1.0 |
| ADHESION TO STEEL | kg/25mm | 0.70 @23°C |
| DIELECTRIC BREAKDOWN | kV | >5 |
| 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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