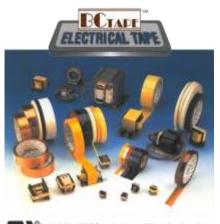
TECHNICAL DATA

"PPS" Polyphenylene Sulfide Tape Product Code: 1PS2A



Email: sales@bcwire.net



W 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: PROPERTIES UNIT SPECIFICATION

BACKING - PPS
COLOR - Natural
ADHSION TAPE - Acrylic

TOTAL THICKNESS mm (mil) 0.055 ± 0.006 (2.2)

 $\begin{array}{lll} \text{BACKING THICKNESS} & \text{mm (mil)} & 0.025 \ (1) \\ \text{TENSILE STRENGTH} & \text{kg/25mm (lb/in)} (N/10mm) & 10(22)(39.2) \end{array}$

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 1×10^{12} TEMPERATURE CLASS °C 155





Test Method: In accordance with <u>ASTM</u> 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 detect. 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.

