

TECHNICAL DATA

“PPS” Polyphenylene Sulfide Tape Product Code: **BTS25**



Description : PPS tape #BTS25 is made by PPS (Polyphenylene Sulfide) film backing with acrylic adhesive. PPS film with an excellent heat resistance, chemical resistance; and physical strength.

Application : For electrical insulation of parts required heat resistance. For applications that require heat resistance such as fixing elements in aluminum electrolytic chip capacitors.

| Technical Details : | <u>PROPERTIES</u> | <u>UNIT</u> | <u>SPECIFICATION</u> |
|---------------------|------------------------------|--------------------|----------------------|
| | BACKING | - | PPS |
| | COLOR | - | Natural |
| | ADHESION TAPE | - | Acrylic |
| | TOTAL THICKNESS | mm | 0.060 ± 0.006 0.025 |
| | BACKING THICKNESS TENSILE | mm | 10(39.2) |
| | STRENGTH ELONGATION | kg/25mm (N/10mm) % | 60 |
| | ADHESION TO STEEL DIELECTRIC | kg/25mm (N/10mm) | 1(3.90) |
| | BREAKDOWN | kV | 4 |
| | ELECTROLYTIC CORROSION | - | 1.0 |
| | FACTOR | ohm | 1x10 ¹² |
| | INSULATION RESISTANCE | °C | 155 |
| | TEMPERATURE CLASS | | |



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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