

PRODUCT INFORMATION

SILICONE ADHESIVE KAPTON

PRODUCT DESCRIPTION

25 micron Kapton® film coated on one side with high quality pressure sensitive silicone adhesive. Designed for high temperature electrical applications where a thin, conformable backing combined with excellent dielectric properties are required. Nuclear radiations resistant.

APPLICATIONS

- Very high temperature resistance
- Flame retardant UL 510
- Good chemical and solvent resistance
- Insulation of bobbins, transformers, motors, capacitors, wire harnesses
- Printed circuit board assembly
- High temperature masking operations

TECHNICAL INFORMATION

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| PRODUCT TYPE | Single coated |
| BACKING TYPE | Kapton® film |
| ADHESIVE TYPE | Silicone |
| COLOUR | Brown |
| BACKING THICKNESS | 25 µm |
| TOTAL THICKNESS | 60 µm |
| PEEL ADHESION AT 180° ON STEEL | 2.30 N/cm |
| ROLLING BALL TACK | < 10 cm |
| TENSILE STRENGTH | 45.00 N/cm |
| ELONGATION AT BREAK | 35 % |
| BREAKDOWN VOLTAGE | 6.50 kV |
| THERMAL CLASS | 180 (H) |
| SHORT TIME TEMPERATURE RESISTANCE | 260 °C |
| FLAME RETARDANCY | Yes (UL 510) |
| ELECTROLITIC CORROSION | 1 |
| APPROVALS | UL file No. E178430 |
| SHELF LIFE | 18 months |
| NOTE 1 | Green version upon request (not UL) |
| STANDARD LENGTH | 33 m |
| STANDARD WIDTH | 660 mm |