

Product Data Sheet

Kapton Tape, Silicone Adhesive, 3.5 mil, Anti-Static

TST-LSK-2000-2



- Offers exceptional thermal resistance
- Provides excellent electrical insulating properties

Product Information

Anti-static treated polyimide backing and silicone adhesive offers outstanding thermal resistance and excellent electrical insulating properties. This tape is used where toughness, puncture resistance, extreme resistance to heat, and flame retardance are required.

Designed to minimize the effect of static during stripping and peeling. Mask for printed circuit board during wave solder or solder dip process. It is used as a release surface in fabrication of parts cured at elevated temperatures.

| Technical Details | Typical Values | Test Method |
|---|--|-------------|
| Total Thickness | 3.5 mil | ASTM D-3652 |
| Backing Thickness | 1.0 mil | ASTM D-3652 |
| Adhesion to Steel | 25 oz/inch | ASTM D-3330 |
| Tensile Strength | 30 lb/inch | ASTM D-3759 |
| Elongation | 55% | ASTM D-3759 |
| Dielectric Strength | 11,000 volts | ASTM D-149 |
| Operating Temp. Range | -100° to 500°F | |
| Adhesive | Silicone | |
| Static Charge (measured at 50% RH, 70°F in an ESD controlled environment) | Removal from roll: <150 volts Removal from PWB: <50 volts | |

Packaging

| | |
|----------------|-------------------------------|
| TST-LSK-2000-2 | 2" x 36 Yds, 3" core, 3.5 mil |
|----------------|-------------------------------|

Compliance

Mil-P-46112B/ ASTM D 5213, Type 1, Item A
RoHs/REACH Compliant: This Product complies with the European Union’s “Restriction of Hazardous Substances” (RoHs) initiative and European REACH Regulation.

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