

Product Data Sheet

Kapton Tape, Silicone Adhesive, 2.5 mil, Anti-Static

764WA008, 597-944, TST-LSK-1500, 764WA007, 451-320, 706ST2425, 455-007, TST-LSK-0187, TST-LSK-0750, 758ST138, 758ST3236, TST-LSK-0625, 706ST0875



- Offers outstanding 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

Technical Details	Typical Values	Test Method
Total Thickness	2.5 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	6,500 volts	ASTM D-149
Operating Temp. Range	-100° to 500°F	
Adhesive	Silicone	
Static Charge <small>(measured at 50% RH, 70°F in an ESD controlled environment)</small>	Removal from roll: <150 volts Removal from PWB: <50 volts	

Compliance

UL File #: E 244657

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.

Packaging

764WA008	1" x 36 Yds, 3" core, 2.5 mil
597-944	1-1/4" x 36 Yds, 3" core, 2.5 mil
TST-LSK-1500	1-1/2" x 36 Yds, 3" core, 2.5 mil
764WA007	1/2" x 36 Yds, 3" core, 2.5 mil
451-320	1/4" x 36 Yds, 3" core, 2.5 mil
706ST2425	1/8" x 36 Yds, 3" core, 2.5 mil
455-007	2" x 36 Yds, 3" core, 2.5 mil

TST-LSK-0187	3/16" x 36 Yds, 3" core, 2.5 mil
TST-LSK-0750	3/4" x 36 Yds, 3" core, 2.5 mil
758ST138	3/8" x 36 Yds, 3" core, 2.5 mil
758ST3236	3" x 36 Yds, 3" core, 2.5 mil
TST-LSK-0625	5/8" x 36 Yds, 3" core, 2.5 mil
706ST0875	7/8" x 36 Yds, 3" core, 2.5 mil

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