

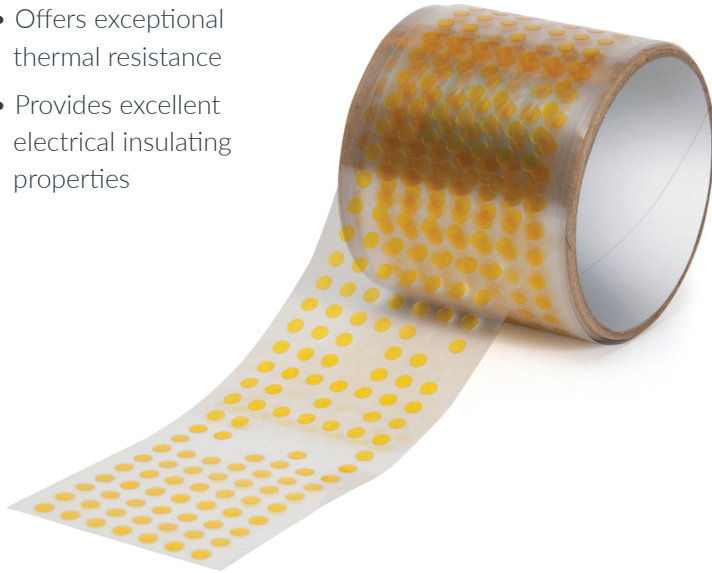
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Product Data Sheet

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

758ST9518, 758ST9516, 758ST5516

- 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

Technical Details	Typical Values	Test Method
Total Thickness	3.5 mil	ASTM D-3652
Backing Thickness	2.0 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

758ST9518	1/8", 3" core, 3.5 mil, 2,000/Roll
758ST9516	3/16", 3" core, 3.5 mil, 2,000/Roll
758ST5516	5/16", 3" core, 3.5 mil, 2,000/Roll

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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