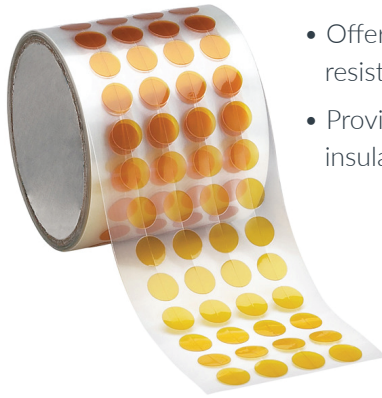


## Product Data Sheet

# Kapton Tape, Silicone Dots, 2.5 mil



- Offers outstanding thermal resistance
- Provides excellent electrical insulating properties

### Product Information

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.

Used on gold fingers for protection in wave soldering. It is also used as a ground barrier and phase insulation in high performance coils. Also as an outer wrap on small bobbin wound coils and on foam wound coils for traction motors.

### 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	

### 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

10012057	0.281", 3" core, 2.5 mil, 2000/Roll	173-289	11/16", 3" core, 2.5 mil, 1000/Roll
706PR312	5/16", 3" core, 2.5 mil, 2000/Roll	487-563	2", 3" core, 2.5 mil, 100/Roll
TST-KP-0390	0.390", 3" core, 2.5 mil, 2000/Roll	706PR187	3/16", 3" core, 2.5 mil, 2000/Roll
143-416	1", 3" core, 2.5 mil, 500/Roll	173-175	3/4", 3" core, 2.5 mil, 1000/Roll
461-902	1-1/4", 3" core, 2.5 mil, 500/Roll	706PR375	3/8", 3" core, 2.5 mil, 2000/Roll
593-864	1-1/2", 3" core, 2.5 mil, 500/Roll	706PR625	5/8", 3" core, 2.5 mil, 2000/Roll
706IE500	1/2", 3" core, 2.5 mil, 2000/Roll	173-191	7/16", 3" core, 2.5 mil, 2000/Roll
487-556	1/4", 3" core, 2.5 mil, 2000/Roll	592-342	7/8", 3" core, 2.5 mil, 1000/Roll
590-148	1/8", 3" core, 2.5 mil, 2000/Roll	173-291	9/16", 3" core, 2.5 mil, 2000/Roll

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