



# 1 Mil Polyimide Tape with Silicone Adhesive

## TECHNICAL DATA SHEET

### Description

Polyimide backing and silicone adhesive offers out-standing thermal resistance and excellent electrical insulating properties. This tape is used where toughness, puncture resistance, extreme resistance to heat and flame retardance are required.

### Product Applications

Used on gold fingers for protection in wave soldering. Is being use as ground barrier and phase insulation in high performance coils. Also used as an outer wrap on small bobbin wound coils and on form wound coils for traction motors.

### Product Construction

<u>Backing</u>	<u>Adhesive</u>	<u>Liner</u>	<u>Color</u>
HN Polyimide Film	Silicone	None	Amber

### Government Compliance

Mil-P-46112B/ASTM D 5213, Type 1, Item A

### ROHS/REACH Compliant

### Normal Values

The following data are nominal values based on PSTC, ASTM and other standard tests. The data should not be considered as specifications.

Backing Thickness	1 mil	ASTM D-3652
Total Thickness	2.5 mil	ASTM D-3652
Adhesion to Steel	25 oz/in	ASTM D-3330
Tensile Strength	30 lbs/in	ASTM D-3759
Elongation	55%	ASTM D-3759
Dielectric Strength	6500 volts	ASTM D-149
Operating Temperature Range	-100°F to 500°F	