

Polyimide Tape 1 Mil Technical Data Sheet

DESCRIPTION

1 mil Electrical grade Polyimide with pre-cured pressure sensitive silicone adhesive film is designed to operate at elevated temperatures higher than polyester. This heat-stabilized film surpasses the dimensional stability of polyester, and will thermoset to increase adhesion values.

PRODUCT FEATURES

- Thin and conformable enabling masking of uneven surfaces
- Wide operating temperature range up to 515° F
- Removes cleanly without adhesive residue after exposure to heat
- High performance silicone adhesive
- High strength backing provides superior resistance to puncture and tear
- Resistance to chemical attack



TYPICAL END USE

- High temperature masking
- Protection of circuit board gold finger contacts during wave solder

TECHNICAL DATA	VALUE
Color	Amber
Adhesion Type	Silicone
Film Thickness (mils)	1.0mil
Adhesive Thickness	1.5mil
Total Thickness (mils)	2.5mil
Adhesion to Steel: oz./inch	23
Tensile Strength (lbs/inch)	30
Elongation: %	65
Dielectric Strength, volts	6800
Insulation Resistance, mega ohms	1,000,000
Electrolytic Corrosion Factor	1
Insulation Class, centigrade	180 °F
Temperature Resistance	260 °C (500 °F)
Resistance to: acids, oils, solvents	EXCELLENT
Length	36 yards
All tapes are on plastic core and individually bagged.	

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