

KPT-1

Electrical Grade Polyimide Film

PRODUCT DESCRIPTION

KPT-1 is a 1 mil amber electrical grade Polyimide film coated with a high performance silicone adhesive. Tape is thin and conformable, with outstanding puncture, tear, abrasion, and chemical corrosion resistance, and high and low temperature resistant.

Adhesive will thermoset to increase adhesion values. Leaves little to no residue when removed after manufacturing process; reduces clean-up time and minimizes rejects. Allows operation of boards during processing. Insulation Class H.

APPLICATIONS:

- Masking applications where very high temperatures are involved.
- Used to protect gold contacts from molten solder during wave soldering process.
- Wrapping and fixing of electronic components, coils, transformers, etc.

PHYSICAL PROPERTIES:

Backing	1.0 mil polyimide film (amber)
Adhesive	Transparent High Temperature Silicone
Total Thickness	2.5mil
Adhesion	23.7 oz/inch
Tensile Strength	>20.61b/inch
Elongation	>40%
Temperature Resistance	200°C (392°F) / 30 min
Dielectric Strength	6500 Volts

Note: The physical properties listed above are typical test results obtained from a series of laboratory tests and should not be used for the purpose of writing specifications. Before using this product, user shall determine the suitability of the product for his/her use; and user assumes all risks and liabilities in connection therewith. All test procedures used are in accordance with ASTM and PSTC methods.



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