



K-8401

1 MIL POLYIMIDE FILM INSULATING TAPE

APPLICATIONS

A 1 mil polyimide film coated with an acrylic adhesive. Designed for a wide array of insulating and holding functions in the manufacture of relays, chokes, toroids, transformers, reactors and solenoids. Ideal for end turn bundling, conductor holding and bundling, slot cell edge reinforcing, coil banding and connection insulation in totally enclosed direct current rotating machinery where silicone outgassing is not permitted. Recommended as an outer insulating wrap in high temperature dry type polyimide film-foil capacitors.

FEATURES/BENEFITS

- The 1 mil polyimide film is thin and conformable with excellent tear resistance.
- High tack acrylic adhesive has excellent solvent and Freon® resistance for insulating and protecting components subject to various cleaning agents.
- High thermal rating and exceptionally high dielectric strength.
- UL Certified, RoHS/REACH Compliant.

TECHNICAL DATA

Backing	:	1 mil HN Polyimide Film
Adhesive	:	Acrylic
Color	:	Amber
Tape Thickness	:	2.5 mils (0.064mm)
Elongation	:	55%
Adhesion to Steel	:	25 oz per inch (2.80 N/cm)
Tensile Strength	:	30 lbs per inch (44 N/cm)
Dielectric Strength	:	6,500 volts
Insulation Class	;	155°C (UL Recognized Class F)
Temperature Range	:	-29°C to 155°C
Government Specification	:	MIL-P-46112B, ASTM D 5213, Type 1, Item A

Note: The above are typical values obtained from tests recommended by the PSTC, ASTM, or government agencies and should not be used in writing specifications. The product should be thoroughly evaluated by the user under actual conditions with intended substrates to determine if the product is suitable for the application.