

P-224 AMB

1-MIL KAPTON® POLYIMIDE FILM

PRODUCT DESCRIPTION

P-224 AMB is a thin, conformable tape with a high thermal rating with exceptionally high dielectric strength and resistance to various solvents and Freon. The perfect product for non-silicone applications fixing Lithium Ion batteries and as a bar code over laminates. P-224 AMB is ideal to use in the electrical and electronic markets.

FEATURES

- Exhibits unique properties of polyimide; thinness, conformability, tear resistance and high adhesion.
- Resistance to various solvents & Freon.
- High performance Kapton® backing ensures consistent quality.
- Well suited in continuous high temperature conditions under various applications.

PRODUCT CONSTRUCTION

KAPTON® POLYIMIDE FILM
ACRYLIC ADHESIVE

APPLICATION

- Our acrylic adhesive permits use within hermetic motor applications and insulating and protecting components subjected to Freon type cleaning agents.
- High thermal rating and high dielectric strength allows P-224 AMB to resist various solvents and Freon in different applications.
- Used in a wide array of different insulating and holding functions such as relays, chokes, toroids, transformers, reactors, solenoids used in computers and data processing, aerospace and military equipment. .

PROPERTIES, CERTIFICATIONS AND SPECIFICATIONS

Backing Material	1-mil Kapton® polyimide film	
Adhesive	Acrylic	
Color	Amber	
	Imperial	Metric
Total Tape Thickness	2.8 mil	0.071 mm
Tensile Strength	36 lbs/in	63 N/10mm
Elongation	85%	85%
Adhesion to Steel	30 oz/in	3.28 N/10mm
Dielectric Strength	7,500 volts	7.5kV
Insulation Class CSA	311°F	155°C
Insulation Class UL	311°F	155°C
Certifications	UL-510 & CSA C-22-2	
Government Specifications	ASTM E595/ASTM D5213 TYPE 1, CLASS A (Replaces obsolete MIL-P-46112B)	

*CAUTION: The above are typical values and should not be used in writing specifications. Customer is responsible to ensure product

UL component Recognition Guide OANZ2, File E20392, CSA C-22.2.RoHS Compliant.



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meets intended application requirements before approved for use.

GENERAL STORAGE CONDITIONS

Best stored between 50°F-80°F / 10°C-27°C, 25-50% relative humidity; out of direct sunlight.

PRECAUTION REMINDER

Surface should be clean, free of oil, moisture and dirt before applying. Pressure-sensitive adhesive tapes may require pressure by roller, hand or press when applying. Not doing so may affect the general properties and appearance. Please inspect your surface prior to application; this tape may not adhere well to extremely uneven or distorted surfaces. Please remember to allow adequate time for full adhesive strength.

WARRANTY INFORMATION

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