

LINQTAPE PIT2A-LO



2-mil low outgassing polyimide film with acrylic adhesive

- 2 mil polyimide film with acrylic adhesive
- Low outgassing
- 6500 V breakdown voltage

LINQTAPE™ PIT2A-LO is an amber high-temperature resistant polyimide film with low-outgassing acrylic adhesive. This film is designed for both permanent and temporary bonding in many high temperature applications, which can be found in semiconductor, smartcard, electronic, automotive and aerospace industries. **PIT2A-LO** has less than 1% TML and less than 0.1% CVCM values. Its low outgassing properties make it a perfect solution for sensitive applications, particularly in the aerospace sector.

LINQTAPE™ PIT2A-LO Film comes in 33 meter (36 yard) rolls of varying widths. LINQTAPE PIT-A polyimide films with acrylic adhesive are available in a range of thicknesses, starting from 1 mil (25.4 µm) thickness and up. Custom thicknesses are available upon request.

Specifications

Property	Value	Unit
Color	Amber	–
Adhesive Type	Low Outgassing Acrylic	–
Film Thickness	50.8 (2)	µm (mil)
Adhesive Thickness	38.1 (1.5)	µm (mil)
Release liner	Kraft	–
Total Thickness	88.9 (3.5)	µm (mil)
Temperature Resistance	–29 to 177	°C
Tensile Strength	50	lbs/in
Elongation	55	%
Total Mass Loss (TML-WVR)	<1.0	%
Condensed Volatiles (CVCM)	<0.1	%
Breakdown Voltage	6500	V
Adhesion to Steel	50	oz/in

Storage and Handling

Shelf life is 2 years if stored in a dry and cool, well ventilated place at room temperature.

The product is supplied in rolls and should be kept in a cool (10–25 °C) dry place (40–75% humidity) away from direct sunlight or temperature extremes. Once removed from packaging it should be protected against dust and other impurities.

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