

LINQTAPE PIT1A-LO



1 mil Low Outgassing polyimide film with acrylic adhesive

- 1 mil polyimide film
- Low Outgassing Acrylic adhesive
- 6500V breakdown voltage

LINQTAPE™ PIT1A-LO is an amber high-temperature resistant polyimide film designed for both permanent and temporary bonding in many high temperature applications. These applications can be found in semiconductor, smartcard, electronic, automotive and aerospace industries. Its low outgassing properties make it a perfect solution for sensitive applications.

LINQTAPE™ PIT1A-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 0.5 mil (12.7µm) thickness and up. Custom thicknesses are available upon request.

Specifications

Property	Value	Unit
Color	Amber	-
Adhesive Type	Acrylic	-
Film Thickness	25.4 (1)	um (mil)
Adhesive Thickness	50.8 (2)	um (mil)
Release liner	No	-
Total Thickness	76.2 (3)	um (mil)
Temperature Resistance	-29 ~177	°C
Tensile Strength	30	lbs/in
Elongation	55	%
Total Mass Loss (TML-WVR)	< 1.0	%
Condensed Volatiles (CVCM)	< 0.1	%
Breakdown Voltage	6500	volts
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°C – 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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