

LINQTAPE PIT1A-RL



1-mil polyimide film with acrylic adhesive and release liner

- 1 mil polyimide
- Acrylic adhesive
- 6500 V breakdown voltage

LINQTAPE™ PIT1A-RL 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 general manufacturing industries. It is ideal for applications that require the balancing of multiple properties over a wide temperature range. This version of PIT1A has a release liner, which allows for easy handling and application of the tape.

LINQTAPE™ PIT1A-RL 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	Acrylic	–
Film Thickness	25.4 (1)	µm (mil)
Adhesive Thickness	38.1 (1.5)	µm (mil)
Release Liner	Yes	–
Total Thickness	63.5 (2.5)	µm (mil)
Temperature Resistance	155	°C
Tensile Strength	30	lbs/in
Elongation	55	%
Breakdown Voltage	6500	V
Adhesion to Steel	26	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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