

LINQTAPE PIT2S-T-RL



2-mil polyimide film with thin silicone adhesive and release liner

- 2 mil polyimide film with thin silicone adhesive
- Stable from -269 to 400 °C (-452 to 752 °F)
- High breakdown voltage (11000 V)

LINQTAPE™ PIT2S-T-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. PIT2S-T-RL has a thinner silicone adhesive layer than the standard PIT2S-RL, reducing the overall thickness. This makes it ideal for applications that requires thin tape that balances multiple properties over a wide temperature range.

LINQTAPE™ PIT2S-T-RL Film comes in 33 meter (36 yard) rolls of varying widths. LINQTAPE PIT-S polyimide films with silicone adhesive are available in a range of thicknesses, starting from 0.5 mil (12.7 µm) thickness and up. Custom thicknesses are available upon request.

Specifications

Property	Value	Unit
Color	Amber	–
Adhesive Type	Silicone	–
Film Thickness	50.8 (2)	µm (mil)
Adhesive Thickness	25.4 (1)	µm (mil)
Release Liner	Yes	–
Total Thickness	76.2 (3)	µm (mil)
Temperature Resistance	260	°C
Tensile Strength	50	lbs/in
Elongation	60	%
Breakdown Voltage	11000	V
Adhesion to Steel	12.7	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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