

# LINQTAPE PIT1SD-2RL



1 mil polyimide film with double sided silicone adhesive and a double release liner

- 1 mil polyimide film
- Silicone adhesive
- >6500V breakdown voltage

**LINQTAPE™ PIT1SD-2RL** is a 1-mil, double-sided, double release-liner, high performance, high-temperature resistant, pressure sensitive polyimide tape designed for both permanent and temporary bonding in many high temperature applications. Polyimide tape is widely used in applications requiring high electrical insulation and an excellent balance of thermal, mechanical, chemical and electrical properties.

**LINQTAPE™ PIT1SD-2RL** Tape comes in 33 meter (36 yard) rolls of varying widths. LINQTAPE PIT-S polyimide tapes 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	Silicone	-
Film Thickness	25.4 (1)	um (mil)
Adhesive Thickness	38.1 (1.5)	um (mil)
Release liner	Double	-
Total Thickness	101.6 (4)	um (mil)
Temperature Resistance	260	°C
Adhesion to Steel	25	oz/in
Breakdown Voltage	6500	Volts
Dielectric Constant (1 khz)	3-4	-
Dissipation Factor (1khz)	4.0 x 10 <sup>-3</sup>	-

## Storage and Handling

Shelf life is 1 year 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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