

# LINQTAPE PIT0.5SD-UT-RL



0.5-mil polyimide film with double-sided ultra-thin silicone adhesive and release liner

- 0.5 mil polyimide film
- 0.5 mil double sided ultra thin silicone adhesive
- 3000 V Breakdown voltage

**LINQTAPE™ PIT0.5SD-UT-RL** is an ultra-thin polyimide film with double-sided ultra-thin silicone adhesive designed for 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 while maintaining an ultra-thin thickness.

**LINQTAPE™ PIT0.5SD-UT-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         | 12.7 (0.5) | µm (mil) |
| Adhesive Thickness     | 25.4 (1)   | µm (mil) |
| Release liner          | Yes        | –        |
| Total Thickness        | 38.1 (1.5) | µm (mil) |
| Temperature Resistance | 260        | °C       |
| Tensile Strength       | 10         | lbs/in   |
| Elongation             | 25         | %        |
| Breakdown Voltage      | 3000       | V        |
| Adhesion to Steel      | 12.5       | 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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