

# LINQTAPE PIT0.5S-UT-RL



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

- 0.5 mil Polyimide film
- 0.5 mil Ultra thin silicone adhesive
- 3000V Breakdown voltage

**LINQTAPE™ PIT0.5S-UT-RL** is the thinnest film and adhesive combination available. Ultra thin polyimide with ultra thin silicone adhesive 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 range with a thickness 3-4 times thinner than a human hair.

**LINQTAPE™ PIT0.5S-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 (12.7µm) thickness and up. Custom thicknesses are available upon request.

## Specifications

Property	Value	Unit
Color	Amber	-
Adhesive Type	Silicone	-
Film Thickness	12.7 (0.5)	um (mil)
Adhesive Thickness	12.7 (0.5)	um (mil)
Release liner	Yes	-
Total Thickness	25.4 (1)	um (mil)
Temperature Resistance	260	°C
Tensile Strength	10	lbs/in
Elongation	40	%
Breakdown Voltage	3,000	Volts
Adhesion to Steel	8	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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