

LINQTAPE PIT1S-UT



1 mil polyimide film with ultra thin silicone adhesive

- 1 mil polyimide film
- Ultra thin silicone adhesive
- 6,800V breakdown voltage

LINQTAPE™ PIT1S-UT is an amber high-temperature resistant polyimide film with ultra thin silicone adhesive 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.

LINQTAPE™ PIT1S-UT 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	25.4 (1)	um (mil)
Adhesive Thickness	12.7 (0.5)	um (mil)
Release liner	No	-
Total Thickness	38.1 (1.5)	um (mil)
Temperature Resistance	260	°C
Tensile Strength	30	lbs/in
Insulation Resistance	1,000,000	mega ohms
Elongation	55	%
Breakdown Voltage	6800	Volts
Adhesion to Steel	15	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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