

LINQTAPE PIT1S-B



1 mil black polyimide film with silicone adhesive

- 1 mil opaque black polyimide film
- Silicone adhesive
- 3000V breakdown voltage

LINQTAPE™ PIT1S-B is a black high-temperature resistant polyimide film designed for both permanent and temporary bonding in high temperature applications. These applications can be found in semiconductor, smartcard, electronic, automotive and general manufacturing industries. This PIT1S-B(lack) film has an opaque black coloring, which results in almost no light transmission, higher heat resistance and higher resistivity than the standard PIT1S.

LINQTAPE™ PIT1S-B 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	Black	-
Adhesive Type	Silicone	-
Film Thickness	25.4 (1)	um (mil)
Adhesive Thickness	38.1 (1.5)	um (mil)
Release liner	No	-
Total Thickness	63.5 (2.5)	um (mil)
Temperature Resistance	260	°C
Tensile Strength	30	lbs/in
Elongation	55	%
Breakdown Voltage	3000	Volts
Adhesion to Steel	25	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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