

LINQTAPE PIT1N-B



1 mil black polyimide film with no adhesive

- 1 mil polyimide film
- Black color
- No backing/adhesive

LINQTAPE™ PIT1N-B is a black high-temperature resistant polyimide film 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™ PIT1N-B Film comes in 33 meter (36 yard) rolls of varying widths. LINQTAPE PIT-N polyimide films without 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	None	-
Film Thickness	25.4 (1)	um (mil)
Adhesive Thickness	0 (0)	um (mil)
Release liner	None	-
Total Thickness	25.4 (1)	um (mil)
Temperature Resistance	400	°C
Tensile Strength	>24,000	psi
Elongation	40	%
Breakdown Voltage	2,800	V/mil
Surface Resistivity	1.0×10^{13}	ohm
Volume Resistivity	1.0×10^{15}	ohm.cm
Dielectric Constant (1 khz)	3-4	-
Dissipation Factor (1khz)	4.0×10^{-3}	-

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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