

LINQTAPE PIT1N-ALUM



1 mil polyimide film with aluminized coating and no adhesive

- 1 mil polyimide film
- Sputtered Aluminized Coating
- 6,000V breakdown voltage

LINQTAPE™ PIT1N-ALUM is a high performance, high-temperature resistant aluminized polyimide film, formed by sputtering aluminum onto polyimide using an aluminum vacuum deposition method. This combination of materials allows that one side is an insulation side and the other is conductive.

LINQTAPE™ PIT1N-ALUM Film comes in 33 meter (36 yard) rolls of varying widths. LINQTAPE PIT-N-ALUM 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	Gold	-
Adhesive Type	None	-
Film Thickness	25.4 (1)	um (mil)
Release liner	None	-
Total Thickness	25.5 (1.004)	um (mil)
Temperature Resistance	400	°C
Tensile Strength (Vertical / Horizontal)	24,000	psi
Elongation	40	%
Volume Resistivity	1x10 ¹⁵	Ω.cm
Surface Resistivity	<3	ohm / cm2
Metallization	Aluminum	-
Dielectric Strength	6,000	V/mil

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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