

LINQTAPE PIT1A-WL-SG



1-mil white polyimide film with acrylic adhesive and Kraft release liner

- 1-mil polyimide film
- Acrylic adhesive with Kraft release liner
- 6000 V breakdown voltage

LINQTAPE™ PIT1A-WL-SG is a white top coated high-temperature resistant polyimide film designed for thermal printing. It provides an excellent balance of electrical, mechanical, thermal, and chemical properties over a wide range of temperatures (–40 to 300 °C). **PIT1A-WL-SG** is suitable for thermal printing on parts that need to withstand high temperatures, such as steel or other alloys. It is also recommended for applications that need excellent solvent and scratch resistance.

LINQTAPE™ PIT1A-WL-SG Film comes in 33 meter (36 yard) rolls of varying widths. LINQTAPE PIT-A polyimide films with acrylic adhesives are available in a range of thicknesses, starting from 0.5 mil (12.7 µm) thickness and up. Custom thicknesses are available upon request.

Specifications

Property	Value	Unit
Color	White	–
Adhesive Type	Acrylic	–
Film Thickness	25.4 (1)	µm (mil)
Adhesive Thickness	38.1 (1.5)	µm (mil)
Release Liner	Kraft	–
Total Thickness	63.5 (2.5)	µm (mil)
Temperature Resistance	300	°C
Tensile Strength	30	lbs/in
Elongation	40	%
Breakdown Voltage	6000	V
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 (10–25 °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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