

LINQTAPE™ PIT2A-WL-Series

2 mil white thermal ink printable polyimide film with acrylic adhesive and release liner



+ PRESSURE SENSITIVE ACRYLIC ADHESIVE

+ COATED WITH WHITE THERMAL-INK PRINTABLE SURFACE

+ EXCELLENT INSULATING PROPERTIES



PRODUCT DESCRIPTION

Insulating tape of 2 mil thick polyimide film backing coated with white thermal-ink printable surface with pressure sensitive acrylic adhesive and a single release liner.



PRODUCT APPLICATION

Used for high temperature electrical applications. Designed for thermal transfer printing to create asset tags, barcodes tags or labels that require extreme durability.



PRODUCT FEATURES

Suitable for thermal transfer printing. Excellent electrical and temperature insulating properties. Can be used in applications up to 155°C (311°F).



PRODUCT DESCRIPTION

LINQTAPE™ PIT2A-WL Series is a high-temperature resistant polyimide film topped with a white, thermal-ink printable surface on one side and a permanent, acrylic-based, pressure sensitive adhesive on the back side. PIT2A-WL-Series tapes are mounted on paper release liner for easy application.

LINQTAPE™ PIT2A-WL-Series is designed for thermal transfer printing to create extremely durable asset tags, barcodes and barcode tags or any other alphanumeric identification labels that require extreme durability.

LINQTAPE™ PIT2A-WL Series is available in Glossy and Semi-Glossy topcoat layers to meet specific printing needs and preferences.



PRODUCT APPLICATION



LINQTAPE™ PIT2A-WL-Series applications include, but are not limited to, printed circuit board and similar electronic component identification and tracking, steel and metal alloy identification and other labels that require resistance to temperature extremes, ultraviolet exposure, chemicals, cold storage and freezer conditions.



► Applications

- Printed circuit board tracking
- Cold/Freezer Storage
- Extremely durable barcode and alphanumeric labels
- Labels and tags for product identification
- Laboratory samples
- Outdoor applications



PRODUCT FEATURES

TYPICAL PROPERTIES	UNIT	VALUE
Color		White
Adhesion Type		Acrylic
Thermal Transfer Layer	µm (mil)	23 µm (0.9mil)
Film (Backing) Thickness	µm (mil)	50,8 µm (2mil)
Adhesive Thickness	µm (mil)	30 µm (1.2mil)
Total Thickness	µm (mil)	213 µm (2.6mil)
Adhesion to steel	N/25mm Oz/in	7.0 25.0
Tensile Strength	Mpa psi	165 24,000
Elongation	%	>55
Dielectric Strength	Volts	>11000
Insulation Class		155 (F)
Temperature Resistance	°C °F	260 500

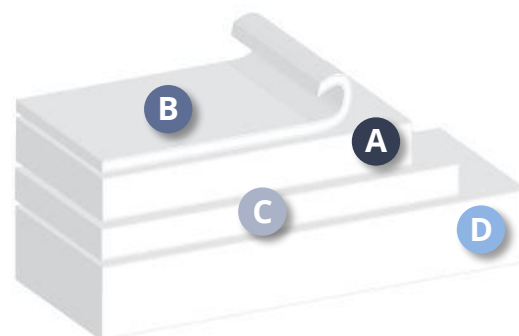
STORAGE AND HANDLING

LINQTAPE™ PIT2A-WL-Series 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.

DATA RANGES

The data contained herein may be reported as a typical value and/or range values based on actual test data and are verified on a periodic basis.

▶ PRODUCT CROSS-SECTION



- A** Polyimide Film: 50.8 µm
- B** White Thermal Print Layer: 23 µm
- C** Acrylic Adhesive: 30 µm
- D** Kraft Release Liner: 110 µm

▶ PRODUCT NOMENCLATURE

PIT: Polyimide Tape / Film

2: 2mil Backing Thickness

A: Acrylic Adhesive

WL: White Label

G / SG: Glossy or Semi-Glossy Topcoat

The above figures are typical material properties only and are not to be used for product specification purposes. To generate a specification for this product, please contact our Quality Manager and request a copy of the current stock specification. The information and recommendations supplied in this document are believed to be accurate but no guarantee of their accuracy is made; they are for guidance only and should not be construed as a warranty. All implied warranties are expressly disclaimed, including without limitations any warranty of merchantability and fitness for use. It is recommended that purchasers before using this product conduct their own tests to determine whether the product is suitable for their particular purposes under their own operating conditions.



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