

# LINQTAPE PIT5N-DCD

## Polyimide film with no adhesive



- 5 mil die cut polyimide film
- Amber color
- No backing/adhesive

**LINQTAPE™ PIT5N-DCD** is a 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™ PIT5N-DCD** films come in varying designs and patterns. LINQTAPE PIT-N polyimide films without adhesive are available in a range of thicknesses, starting from 0.5 mil (12.7µm) thickness and up. This film can be delivered in a range of die cut discs sizes with diameters ranging from 1/8" to 12". Custom thicknesses, designs and diameters are available upon request.

### Specifications

Property	Value	Unit
Color	Amber	-
Adhesive Type	None	-
Film Thickness	127 (5)	um (mil)
Adhesive Thickness	0 (0)	um (mil)
Release liner	None	-
Total Thickness	127 (5)	um (mil)
Temperature Resistance	400	°C
Tensile Strength	>24,000	psi
Elongation	>50	%
Breakdown Voltage	3,000	V/mil
Surface Resistivity	1.0 x 10 <sup>13</sup>	ohm
Dielectric Constant (1 khz)	3-4	-
Dissipation Factor (1khz)	4.0 x 10 <sup>-3</sup>	-

### Storage and Handling

Shelf life is 2 years if stored in a dry and cool, well ventilated place at room temperature.

The product 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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