

LINQTAPE PIT1S-ESD-DCD

Antistatic ESD Polyimide (Kapton) Tape



- 1 mil die cut polyimide film
- Amber color
- Silicone adhesive

LINQTAPE™ PIT1S-ESD-DCD is a high-temperature resistant, antistatic treated 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.

Due to the antistatic polymer coating applied to the tape, **PIT1S-ESD-DCD** has an excellent balance of electrical, mechanical, thermal, and chemical properties which allows the product to be used in many ESD prevention applications.

LINQTAPE™ PIT1S-ESD-DCD tapes come in varying designs and patterns. 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 | Silicone | - |
| Film Thickness | 25.4 (1) | um (mil) |
| Adhesive Thickness | 38.1 (1.5) | um (mil) |
| Release liner | None | - |
| Total Thickness | 63.5 (2.5) | um (mil) |
| Temperature Resistance | 260 | °C |
| Tensile Strength | 30 | lb/in |
| Elongation | 55% | % |
| Breakdown Voltage | 6500 | V/mil |
| Adhesion to Steel | 25 | oz/in |

Storage and Handling

Shelf life is 1 year 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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