

LINQTAPE PIT3S-T-RL

3-mil Polyimide Tape | Thin 1mil Silicone Adhesive with Release Liner

- 3mil Polyimide Film
- 1mil Silicone Adhesive
- >15000 Volts

LINQTAPE™ PIT3S-T-RL is a 3-mil thick polyimide film with a thin 1mil silicone pressure adhesive. This adds up to a total thickness of only 4 mil (101.6µm); something that ensures excellent adhesion and mechanical strength at high temperatures. It comes with a clear PET release liner.

LINQTAPE™ PIT3S-T-RL tapes are high performance, temperature-resistant Polyimide tapes that use a polyimide film as a backing film. This backing film is the generic version of DuPont's Kapton HN film and is thin at 3mil (76.2µm). Laminated to this is a 1mil (25.4µm) thick pressure-sensitive silicone adhesive making the total thickness of the polyimide film plus adhesive 4mil (101.6µm) making it one of the tapes with the highest breakdown voltage. PIT3S-T-RL remains both electrically and mechanically stable across temperatures ranging from -269°C to 400°C (-452°F to 752°F).

Property	Value	Method
Film Thickness	3 mil	ASTM D-3652
Silicone Thickness	1 mil	ASTM D-3652
Total Thickness	4mil	ASTM D-3652
Release liner	Yes	-
Tensile strength	80 lb/in	ASTM D-3759
Elongation	60%	ASTM D-3759
Adhesion to Steel	12.5 Oz/in	ASTM D-3330
Breakdown Voltage	15000 Volts	ASTM D-149
Temperature resistance	260°C	-

Storage and Handling

Shelf life is 2 years at room temperature in a cool and dry place. Do not put in direct sunlight. No special handling is required.

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