

# LINQTAPE PIT2S-T-RL

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

- 2mil Polyimide Film
- 1mil Silicone Adhesive
- >11000 Volts

**LINQTAPE™ PIT2S-T-RL** is a 2-mil thick polyimide film with a thin 1mil silicone pressure adhesive. This adds up to a total thickness of only 3 mil (76.2µm); something that ensures excellent adhesion and mechanical strength at high temperatures. It comes with a clear PET release liner.

**LINQTAPE™ PIT2S-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 2mil (50.8µm) yet is just as flame retardant as its thicker counterparts. Laminated to this is a 1mil (25.4µm) thick pressure-sensitive silicone adhesive making the total thickness of the polyimide film plus adhesive only 3mil (76.2µm) thick. PIT2S-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
<b>Film Thickness</b>	2 mil	ASTM D-3652
<b>Silicone Thickness</b>	1 mil	ASTM D-3652
<b>Total Thickness</b>	3mil	ASTM D-3652
<b>Release liner</b>	Yes	-
<b>Tensile strength</b>	50 lb/in	ASTM D-3759
<b>Elongation</b>	60%	ASTM D-3759
<b>Adhesion to Steel</b>	12.5 Oz/in	ASTM D-3330
<b>Breakdown Voltage</b>	1100 Volts	ASTM D-149
<b>Temperature resistance</b>	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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