

## Caplinq LINQTAPE™ PIT2S

Category : Polymer , Adhesive , Thermoset , Polyimide, TS

**Material Notes:**

**Product Description:** LINQTAPE™ PIT-Series is a high-temperature resistant polyimide tape designed for both permanent and temporary bonding in many high temperature applications. Additionally, it provides an excellent balance of electrical, mechanical, thermal, and chemical properties over a wide range of temperatures. **Applications:** Temporary bonding of thermocouples for oven profiling Bonding of devices prior to solder reflow Insulating circuit boards Masking in high temperature powder applications Gold Finger Masking Coil insulation High temperature harness wrapping **Product Features and Benefits:** High temperature resistant Excellent masking tape Removes easily after high temperature exposure with no residues **Information provided by Caplinq**

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Caplinq-LINQTAPE-PIT2S.php](http://www.lookpolymers.com/polymer_Caplinq-LINQTAPE-PIT2S.php)

Physical Properties	Metric	English	Comments
Thickness	40.0 microns	1.57 mil	Adhesive Thickness
	51.0 microns	2.01 mil	Film (Backing) Thickness
	91.0 microns	3.58 mil	Total Thickness

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	5.93 MPa	860 psi	13.5 N/25mm
Elongation at Break	60 %	60 %	
Adhesive Bond Strength	0.3297 MPa	47.82 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	<= 260 °C	<= 500 °F	
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Dielectric Strength	>= 118.3 kV/mm	>= 3005 kV/in	

Descriptive Properties	Value	Comments
Adhesion Type	Silicone	
Color	Amber	

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