

## Caplinq LINQTAPE™ PIT1A

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-PIT1A.php](http://www.lookpolymers.com/polymer_Caplinq-LINQTAPE-PIT1A.php)

Physical Properties	Metric	English	Comments
Thickness	25.0 microns	0.984 mil	Film (Backing) Thickness
	40.0 microns	1.57 mil	Adhesive Thickness
	65.0 microns	2.56 mil	Total Thickness

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	8.31 MPa	1210 psi	13.5 N/25mm
Elongation at Break	>= 55 %	>= 55 %	
Adhesive Bond Strength	0.4615 MPa	66.94 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	>= 44.2 kV/mm	>= 1120 kV/in	

Descriptive Properties	Value	Comments
Adhesion Type	Acrylic	
Color	Amber	

**Contact Songhan Plastic Technology Co.,Ltd.**

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