

## Caplinq LINQTAPE™ PIT1S

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-PIT1S.php](http://www.lookpolymers.com/polymer_Caplinq-LINQTAPE-PIT1S.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	Silicone	
Color	Amber	

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