

Dielectric Polymers NT-583 Lined Polyimide Film Tape (discontinued **)

Category : Polymer , Adhesive , Film , Tape , Thermoset , Polyester, TS , Polyimide, TS , Silicone

Material Notes:

Crosslinked silicone adhesive with polyester film backing. Features: Fine line definition Clean tape removal Good conformability Chemical resistant Applications: For PCB masking during the solder strip bath and precious metal plating. Information provided by Dielectric Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dielectric-Polymers-NT-583-Lined-Polyimide-Film-Tape-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Thickness	25.4 microns	1.00 mil	Backing
	76.2 microns	3.00 mil	Adhesive

Mechanical Properties	Metric	English	Comments
Elongation at Break	130 %	130 %	
Peel Strength	0.263 kN/m	1.50 pli	Adhesion
	6.14 kN/m	35.0 pli	Tensile

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	177 °C	350 °F	
	>= 260 °C	>= 500 °F	Shear Adhesive Failure (polyester failure)
Minimum Service Temperature, Air	-51.1 °C	-60.0 °F	

Electrical Properties	Metric	English	Comments
Dielectric Breakdown	5400 V	5400 V	Dielectric Strength

Descriptive Properties	Value	Comments
Color	White	

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