

Data and Specification Sheet

Low-Static Polyimide Film Tape

Description

This high temperature, Low-Static film tape is used in electrical and thermal insulation, in particular in the masking of Gold fingers on circuit boards during wave soldering. It can help eliminate circuit board degradation due to electrostatic discharge.

Construction

Description	Value	ASTM Test method
Film thickness	1.0 Mil (0.03 mm)	D-3652
Adhesive thickness	1.6 Mil (0.04 mm)	D-3652
Total thickness	2.6 Mil (0.07mm)	D-3652
Color	Gold	
Adhesive	Silicone	
Elongation at break	60%	D-3759
Adhesion to steel	22 oz. / inch width	D-3330
Tensile Strength	32lbs / inch width	D-3759
Dielectric Strength	7,000 Volts	
Temperature range	-100°F to 500°F (-73°C to 260°C).	
Static charge	Measured at 50% Relative humidity, 70°F in an ESD controlled environment Removal from roll <150 Volts Removal from PWB <50 Volts	
Storage conditions	Keep in Dry Conditions	
Removability	Good to Excellent	
Shelf life	1 Year from date of shipment, when stored correctly.	

Availability

Available in roll form in a range of imperial and metric widths.

General applications

This tape offers optimum performance in applications where electrical discharge is a concern such as on circuit boards. Can be used as a masking tape on electrical circuit boards.



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