

FM48

ANTI-STATIC POLYIMIDE FILM TAPE

DESCRIPTION

1 mil polyimide backing combined with a conductive polymer coating and a semi-conducting silicone adhesive offers low voltage discharge in dispensing and removal of this tape in PCB masking applications. Outstanding thermal resistance offers excellent solder masking properties. This product generates less than 50 volts discharge as it is being dispensed and removed.

PRODUCT APPLICATIONS

This tape is used for wave solder and reflow applications where low static, toughness, puncture resistance, extreme resistance to heat, and flame retardance are required.

GOVERNMENT COMPLIANCE

Meets ANSI S-2020 standards.



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EFFECTIVE: 11/13

INTERTAPE POLYMER GROUP® TECHNICAL DATA SHEET

NOMINAL VALUES

The following data are nominal values based on PSTC, ASTM and other standard tests. The data should not be considered as specifications.

Backing	Polyimide Film
Backing Thickness	0.001" (0.025 mm)
Adhesive	Silicone / Semi-Conducting
Color	Amber
Total Thickness	0.002" (0.050 mm)
Temp. Resistance	480°F (250°C)
Tensile Strength	> 7.7 lbs/in (> 13.5 N/cm)
Adhesion to Steel	21 oz/in (2.3 N/cm)
Elongation	> 50%
Flame Resistance	Excellent
Storage Stability	Excellent
Solvent Resistance	Excellent
Moisture Resistance	Excellent

