



Technical Data Sheet

PT100

POLYIMIDE MASKING TAPE

GENERAL DESCRIPTION:

PT100 is a high temperature resistant polyimide masking tape with a removable silicone adhesive

USES:

Ideal for masking gold contacts, sections of the circuit board and other sensitive devices during the manufacturing process of the circuit board.

FEATURES:

Indoor only. This material conforms well to irregular surfaces and offers protection from the high temperatures and chemicals used in the circuit board manufacturing process. The silicone adhesive is designed to be cleanly removed from the surface it is applied to after the manufacturing process.

RECOGNITION(S):

RoHS Directive 2002/95/EC Compliant.

RECOMMENDED RIBBON:

Not printable

PHYSICAL PROPERTIES:

TEST METHODS	CONVENTIONAL UNITS	S.I. UNITS
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THICKNESS:

Film	1.0 mils	25.4 microns
Adhesive	1.6 mils	40.6 microns
Polyester Liner	1.5 mils	38.1 microns
Total	4.1 mils	104.1 microns

ADHESIVE PERFORMANCE:

Stainless Steel	22 oz/in	240 N/m
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TEMPERATURE RESISTANCE

500°F 260°C

30 minutes at 500°F, removes cleanly from stainless steel
Will remove cleanly at higher temperatures from other surfaces.
The user must test for compatibility in the exact process to determine acceptance for use.

MINIMUM APPLICATION TEMPERATURE:

50°F 10°C

Dielectric Strength

7000 volts

STORAGE STABILITY

Product should be stored at 70°F (21°C) and 40-50% relative humidity to ensure optimal performance.

SHELF LIFE:

1 year @ proper storage conditions.

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WARRANTY

"Our products are sold with the understanding that the buyer will test them in actual use and determine for himself their adaptability to his intended uses. We warrant to the buyer that our products are free from defects in material and workmanship. This warranty is in lieu of any other warranty, expressed or implied"