

1 Mil Low Static Polyimide Silicone Adhesive Tapes

multicompPRO

RoHS
Compliant



MP700357



MP700376



MP700358



MP700377



MP700359



MP700378



MP700379



MP700380

Description

This tape is a thin, specially treated low static polyimide film, single coated with a silicone pressure adhesive.

Applications

- High temperature masking
- Protection of circuit board gold finger contacts during wave solder or hot air leveling process
- Used in applications where electrostatic discharge is a concern

Product Benefits

- Low static properties can eliminate circuit board degradation due to electrostatic discharge
- Product is thin and conformable enabling masking of uneven surfaces
- Removes cleanly without adhesive residue after exposure to heat and/or chemicals
- Backing provides superior puncture, tear, and abrasion resistance
- Resistant to chemical attack

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Technical Data

Technical Properties

| | |
|-------------------------------|----------|
| Total Thickness | 2.6 mils |
| Adhesive Thickness (silicone) | 1.6 mils |
| Film Thickness (polyimide) | 1 mil |
| Adhesive Color | Amber |

Adhesive Test Data

| | |
|---------------------------------|----------------|
| Ultimate Peel Adhesion (PSTC 1) | 22 oz/in |
| Tensile Strength | 32 lbs/in |
| Elongation | 60% |
| Static Charge Generation | <50 Volts |
| Removal from roll | |
| Operating Temperature Range | -40°F to 365°F |

Part Number Table

| Description | Part Number |
|---|-------------|
| Low Static Polyimide Silicone Adhesive Tape, Amber, 1/4" × 36yd | MP700357 |
| Low Static Polyimide Silicone Adhesive Tape, Amber, 1/4" × 5yd | MP700376 |
| Low Static Polyimide Silicone Adhesive Tape, Amber, 1/4" × 36yd | MP700358 |
| Low Static Polyimide Silicone Adhesive Tape, Amber, 1/2" × 5yd | MP700377 |
| Low Static Polyimide Silicone Adhesive Tape, Amber, 1/4" × 36yd | MP700359 |
| Low Static Polyimide Silicone Adhesive Tape, Amber, 3/4" × 5yd | MP700378 |
| Low Static Polyimide Silicone Adhesive Tape, Amber, 1" × 5yd | MP700379 |
| Low Static Polyimide Silicone Adhesive Tape, Amber, 2" × 5yd | MP700380 |

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