

# 2 Mil Polyimide Silicone Adhesive Tapes

**multicomp** PRO

RoHS  
Compliant



MP700351



MP700349



MP700368



MP700369



MP700353



MP700370



MP700354



MP700371



MP700352



MP700350



MP700372



MP700355



MP700373



MP700356



MP700374



MP700375

## Description

This tape consisting of a polyimide film and silicone adhesive designed for high temperature masking applications.

## Applications

- Mask for protection of gold fingers of printed circuit board during wave solder or solder dip process
- Release surface in fabrication of parts cured at elevated temperatures.
- Widely used for electrical insulation on transformers, motor, coils, PCB making and so on

## Product Benefits

- Thin and conformable enabling masking of uneven surfaces
- Wide operating temperature range up to 500°F
- Excellent electrical insulation
- Removes cleanly without adhesive residue after exposure to heat/chemical
- Meets UL-94V0

## Technical Properties

Total Thickness	3.5 mils
Adhesive Thickness (silicone)	1.5 mils
Film Thickness (polyimide)	2 mil
Adhesive Colour	Amber

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## Adhesive Test Data

Adhesion to Steel	22 oz/inch
Break Strength	50 lbs/in
Dielectric Strength	11000 volts
Elongation	60%
Operating Temperature Range	-40°F to 500°F

### NOTE:

1. When applying pressure sensitive adhesive films to any surface, be sure that the surface is free from oil or other surface contaminants such as powder, dust, or release agents. Adhesive performance should be carefully checked when used on substrates containing plasticizers.
2. Shelf life is one year from date of shipment when stored in a cool dry place below 76° F (24°C). Rolls should be stored on end.
3. The above values are "Typical Values" which have a nominal range about them and are not intended for specification purposes.

## Part Number Table

Description	Part Number
Silicone Adhesive Tape, Polyimide, Amber, 1/2" x 36yd	MP700351
Silicone Adhesive Tape, Polyimide, Amber, 1/4" x 36yd	MP700349
Silicone Adhesive Tape, Polyimide, Amber, 4" x 5yd	MP700368
Silicone Adhesive Tape, Polyimide, Amber, 6" x 5yd	MP700369
Silicone Adhesive Tape, Polyimide, Amber, 1" x 36yd	MP700353
Silicone Adhesive Tape, Polyimide, Amber, 1/4" x 5yd	MP700370
Silicone Adhesive Tape, Polyimide, Amber, 2" x 36yd	MP700354
Silicone Adhesive Tape, Polyimide, Amber, 3/8" x 5yd	MP700371
Silicone Adhesive Tape, Polyimide, Amber, 3/4" x 36yd	MP700352
Silicone Adhesive Tape, Polyimide, Amber, 3/8" x 36yd	MP700350
Silicone Adhesive Tape, Polyimide, Amber, 1/2" x 5yd	MP700372
Silicone Adhesive Tape, Polyimide, Amber, 4" x 36yd	MP700355
Silicone Adhesive Tape, Polyimide, Amber, 3/4" x 5yd	MP700373
Silicone Adhesive Tape, Polyimide, Amber, 6" x 36yd	MP700356
Silicone Adhesive Tape, Polyimide, Amber, 1" x 5yd	MP700374
Silicone Adhesive Tape, Polyimide, Amber, 2" x 5yd	MP700375

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