



## Product Information

### CT #903

## 2 Mil Polyimide Pressure Sensitive Film Tape

Manufactured from polyimide film with high-temperature silicone adhesive. Has excellent mechanical and electrical properties as well as high conformability. Offers outstanding resistance to cut through and are impact and abrasion resistant. Also offer excellent dielectric strength, while the burning of the adhesive forms a non-conductive ash. (Amber Color)

*Meets the Underwriters Laboratories, Inc. Guide OANZ2 and File E51201 and File E66639 specifications respectively with a 180C temperature rating and complies with UL510 for a flame retardant. Polyimide backing meets MIL-P-46112B.*

#### Application:

- Constructed to fill the requirements of a high performance thermoplastic polyimide backing materials
- Designed to fill the various needs of electrical insulation requirements
- Chosen for gold finger protection during wave solder applications

#### TECHNICAL DATA

<b>Adhesive</b>	Silicone
<b>Substrate</b>	Film-Polyimide
<b>Thickness</b>	3.5 Mils (0.089 mm)
<b>Adhesion to Steel</b>	24.69 oz/in (2.7 N/cm)
<b>Tensile Strength</b>	49.17 lbs/in (88 N/cm)
<b>Elongation</b> (% at Break)	75
<b>Operating Temperature</b>	-100°F to 500°F (-73°C to 260°C)
<b>Dielectric Strength</b>	10,000 Volts

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

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Carolina Tape and Supply Corporation guarantees its products to be in compliance with acceptable commercial standards for material and workmanship, but limits its obligations under this warranty to replacement, or, at its option, reimbursement of the purchase price of returned merchandise shown to its satisfaction to have been defective by such standards at the time it was shipped by Carolina Tape and Supply Corporation.