



Product Information

CT #941

5 Mil Skived, High Modulus PTFE Pressure Sensitive Film Tape

Manufactured from modified high-modulus PTFE film coated with high-temperature silicone adhesive. Most outstanding properties are its high dielectric and tensile strength which make it an extremely durable insulation tape. The high-temperature properties of the PTFE and silicone adhesive allow it to perform in continuous temperatures up to 260°C. Exhibits low elongation which enables it to be applied with automatic wrapping equipment. Features chemical inertness as well as low friction, anti-stick, and non-toxic properties. (Gray Color)

Meets MIL-I-23594C U.S. Government specifications

Also available in 2 mil thick (#940).

Application:

- High-temperature insulation product
- Phase insulation for bundling end turns, spot bundling, and anchoring breakouts
- Protect airframe wire harnesses in aerospace industry

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TECHNICAL DATA

| | |
|-----------------------------------|-------------------------------------|
| Adhesive | Silicone |
| Substrate | Film-PTFE |
| Thickness | 6.5 Mils (0.165 mm) |
| Adhesion to Steel | 40.23 oz/in (4.4 N/cm) |
| Tensile Strength | 58.67 lbs/in (105 N/cm) |
| Elongation (% at Break) | 200 |
| Operating Temperature | -100°F to 500°F (-73°C to 260°C) |
| Dielectric Strength | 15,000 Volts |

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

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.