



Product Information

CT #976

Flame Retardant Dead Soft Aluminum/Glass Cloth Laminate

976 is a 10 mil, flame retardant dead soft aluminum foil/glass cloth laminate with a non-corrosive, high temperature transparent silicone adhesive. It is also available in 7 mil thickness (#975).

Meets Specs: MIL-T-83283; McDonnell Douglas # STM 0683; Martin Morietta # STM 1505.

Application:

- Masking tape in plasma spray applications for jet engine repairs
- Seaming/repairing heat and flame barrier curtains
- To protect various missile components such as control cables, harnesses, and fuel lines
- Wrapping wire harnesses
- Masking irregularly shaped components
- Secure thermal insulation on heating/ventilation ducts
- Serves as shield for cables on aircraft and in aerospace industry

TECHNICAL DATA

Adhesive	Transparent Silicone
Substrate	Dead Soft Aluminum Foil/Glass Cloth Laminate
Thickness	10 Mils (0.254 mm)
Adhesion to Steel	67 oz/in (747.49 g/cm)
Tensile Strength	130 lbs/in (0.8963 mpa)
Elongation (% at Break)	7
Operating Temperature	-100°F to 500°F (-73.3°C to 260°C)

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.