

AEROSPACE MATERIAL SPECIFICATION



AMS-3779/1

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Superseding AMS-3779/1

TAPE, ADHESIVE, PRESSURE-SENSITIVE
Thermal Radiation Resistant, Aluminum Foil/Glass Cloth

1. SCOPE:

1.1 Form: This specification covers thermal radiation resistant material in the form of tape with pressure-sensitive adhesive.

1.2 Application: Primarily for use on radiation screens where weight and flexibility are not critical factors. See AMS-3779/2 for lighter weight and more flexibility.

2. APPLICABLE DOCUMENTS: See AMS-3779.

3. TECHNICAL REQUIREMENTS:

3.1 Basic Specification: The complete requirements for procuring the tape described herein shall consist of this document and the latest issue of the basic specification, AMS-3779.

3.2 Material: Shall be as follows:

3.2.1 Backing: Shall be aluminum foil conforming to AMS-4001 laminated to a base fabric of AMS-3824 glass cloth, Style 108 or Style 1080, by means of a pressure-sensitive adhesive.

3.2.2 Adhesive: Shall be a pressure-sensitive silicone polymer. The adhesive shall require no solvent, heat, or other preparation prior to or after application to clean, dry surfaces. There shall be no liner covering the adhesive.

3.2.3 Color: The tape backing shall have a shiny silver appearance.

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