

SHIMS, FILLED RESIN COMPOUND  
Liquid

1. SCOPE:

1.1 Form: This specification covers a filled, resinous, thermosetting, two-part, liquid compound capable of being applied and cured in place between the surfaces of mechanically fastened (joined) structures.

1.2 Application: Primarily for use as a molded shim during assembly of aircraft components and parts. The compound covered by this detail specification can be stored as two separate components for up to one year from date of receipt by purchaser.

2. APPLICABLE DOCUMENTS: Shall be as shown in AMS 3726.

3. TECHNICAL REQUIREMENTS:

3.1 Basic Specification: The complete requirements for procuring the product described herein shall consist of this document and the latest issue of the basic specification, AMS 3726.

3.2 Material: Shall be an epoxy or modified epoxy-base polymer supplied with a separate hardener or curing agent.

3.3 Cured Properties: Shall be as follows:

3.3.1	Hardness, Durometer D or equivalent, min avg	92	ASTM D2240
3.3.2	Specific Gravity, max	1.60	ASTM D792
3.3.3	Coefficient of Linear Thermal Expansion, max avg -62° to +93°C (-80° to +200°F)	5.4 x 10 <sup>-5</sup> mm/mm per °C (3.0 x 10 <sup>-5</sup> in./in. per °F)	ASTM D696

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