

Methods for Testing Aerospace Sealants

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1. SCOPE:

1.1 Form:

This standard describes the accepted methods used for testing aerospace sealants for qualification and for quality conformance or acceptance testing.

1.2 Application:

This standard is intended to be used with AMS specifications or other materials specifications which govern the procurement of aerospace sealants.

NOTE: All test procedures and associated test materials designated in this standard were adopted from current military and consensus material specifications for sealing compounds. Cross-references for equivalent test materials may be obtained using documents such as the SAE AMS Index or the ASTM Metals & Alloys in the Unified Numbering Systems reference manuals.

1.3 Safety - Hazardous Materials:

While the materials, methods, applications, and processes described or referenced in this standard may involve the use of hazardous materials, this standard does not address the hazards which may be involved in such use. It is the sole responsibility of the user to ensure familiarity with the safe and proper use of any hazardous materials and to take necessary precautionary measures to ensure the health and safety of all personnel involved.

2. APPLICABLE DOCUMENTS:

The issue of the following documents in effect on the date of the purchase order form a part of this standard to the extent specified herein. The supplier may work to a subsequent revision of a document unless a specific document issue is specified. When the referenced document has been cancelled and no superceding document has been specified, the last published issue of that document shall apply. In the event of conflict between the text of this document and references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

2.1 SAE Publications:

Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

AMS 1640	Corrosion Removing Compound, For Aircraft Surfaces
AMS 2471	Anodic Treatment of Aluminum Alloy, Sulfuric Acid Process, Undyed Coating
AMS 2629	Fluid, Jet Reference
AMS 3020	Oil, Reference, for "L" Stock Rubber Testing
AMS 3021	Fluid, Reference, for Testing Di-Ester (polyol) Resistant Material