



400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE MATERIAL SPECIFICATION

Submitted for recognition as an American National Standard



AMS 4756A

Issued	DEC 1953
Noncurrent	OCT 1986
Cancelled	MAY 1998
Superseded by	ASTM B 32, Grade Ag1.5

Solder
97.5Pb - 1.5Ag - 1Sn

CANCELLATION NOTICE

This specification has been declared "CANCELLED" by the Aerospace Materials Division, SAE, as of February 1998, and has been superseded by ASTM B 32, Grade Ag1.5. The requirements of the latest issue of ASTM B 32, Grade Ag1.5 shall be fulfilled whenever reference is made to the cancelled AMS 4756. By this action, this document will remain listed in the Numerical Section of the Index of Aerospace Material Specifications noting that it is superseded by ASTM B 32, Grade Ag1.5.

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1. ACKNOWLEDGMENT:

A vendor shall mention this specification number in all quotations and when acknowledging purchase orders.

2. FORM:

Wire, strip, bars, pigs, or as ordered.

3. COMPOSITION:

Silver	1.3 - 1.7
Tin	0.75 - 1.25
Antimony	0.40 max
Copper	0.30 max
Bismuth	0.25 max
Iron	0.02 max
Aluminum	0.005 max
Zinc	0.005 max
Total Other Elements	0.08 max
Lead	remainder

4. TECHNICAL REQUIREMENTS:**4.1 Melting Point:**

Shall be approximately 588 F.

5. QUALITY:

Material shall be uniform in color, clean, and free from foreign materials and from oxide segregation.

6. REPORTS:

- 6.1 Unless otherwise specified, the vendor of the product shall furnish with each shipment three copies of a report stating that the product conforms to the requirements specified. This report shall include the purchase order number, material specification number, form and size, and quantity.
- 6.2 When assemblies requiring the use of this solder are supplied, the vendor of finished or semi-finished parts shall, unless otherwise specified, furnish with each shipment three copies of a report showing the purchase order number, this specification number, contractor or other direct supplier of solder, part number, and quantity. When solder for making parts is produced or purchased by the parts vendor, that vendor shall inspect each lot of solder to determine conformance to the requirements of this specification, and shall include in the report a statement that the solder conforms, or shall include copies of laboratory reports showing the results of tests to determine conformance.