



AEROSPACE MATERIAL SPECIFICATION

AMS4751™**REV. D**

Issued	1970-11
Revised	1994-02
Noncurrent	2005-05
Reaf. Nonc.	2012-04
Stabilized	2017-04

Superseding AMS4751C

Tin - Lead Eutectic

63Sn - 37Pb

(Composition similar to UNS L13630)

RATIONALE

AMS4751D has been declared "STABILIZED" by AMS Committee D because it contains mature technology that is not expected to change and thus no further revisions are anticipated.

STABILIZED NOTICE

AMS4751D has been declared "STABILIZED" by the SAE AMS D Nonferrous Alloys Committee. This document was stabilized because this document contains mature technology that is not expected to change and thus no further revisions are anticipated. Previously this document was non-current. The last technical update of this document occurred in February, 1994. Users of this document should refer to the cognizant engineering organization for disposition of any issues with reports/certifications to this specification; including exceptions listed on the certification.

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1. SCOPE:

1.1 Form:

This specification covers a tin-lead alloy in the form of bars, ingots, pellets, ribbon, and round wire.

1.2 Application:

This solder has been used typically for effecting joints in electrical and electronic circuits where the reliability of the joint requires good control of the purity of the solder, but usage is not limited to such applications.

2. APPLICABLE DOCUMENTS:

The following publications form a part of this specification to the extent specified herein. The applicable issue of referenced publications shall be the issue in effect on the date of the purchase order.

2.1 ASTM Publications:

Available from ASTM, 1916 Race Street, Philadelphia, PA 19103-1187.

ASTM E 46 Chemical Analysis of Lead- and Tin-Base Solder

2.3 U.S. Government Publications:

Available from DODSSP, Subscription Services Desk, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.

MIL-STD-2073-1 DOD Materiel, Procedures for Development and Application of Packaging Requirements