



AEROSPACE MATERIAL SPECIFICATION	AMS4012	REV. G
	Issued 1958-01 Revised 1987-04 Noncurrent 1992-08 Reaf. Nonc. 2008-11 Stabilized 2014-07	
Superseding AMS4012F		
Aluminum Sheet, Laminated Edge Bonded		

RATIONALE

AMS4012G stabilizes this document because it contains mature technology that is not expected to change and thus no further revisions are anticipated.

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1. SCOPE:

1.1 Form:

This specification covers an aluminum or aluminum alloy in the form of sheet, laminated and edge bonded.

1.2 Application:

Primarily for shims of special shapes in which thickness is to be adjusted by removal of laminations as required.

2. APPLICABLE DOCUMENTS:

The following publications form a part of this specification to the extent specified herein. The latest issue of Aerospace Material Specifications shall apply. The applicable issue of other documents shall be as specified in AMS 2350.

2.1 SAE Publications:

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

2.1.1 Aerospace Material Specifications:

AMS 2350	Standards and Test Methods
AMS 2355	Quality Assurance Sampling and Testing of Aluminum Alloys and Magnesium Alloys, Wrought Products (Except Forging Stock) and Flash Welded Rings
MAM 2355	Quality Assurance Sampling and Testing of Aluminum Alloys and Magnesium Alloys, Wrought Products (Except Forging Stock) and Flash Welded Rings
AMS 4041	Aluminum Alloy Sheet and Plate, Alclad, 4.4Cu - 1.5Mg - 0.60Mn (Alclad 2024 and 1-1/2% Alclad 2024-T3 Flat Sheet; 1-1/2% Alclad 2024-T351 Plate)

2.2 U.S. Government Publications:

Available from Commanding Officer, Naval Publications and Forms Center, 5801 Tabor Avenue, Philadelphia, PA 19120.

2.2.1 Military Standards:

MIL-STD-649 Aluminum and Magnesium Products, Preparation for Shipment and Storage

3. TECHNICAL REQUIREMENTS:

3.1 Composition:

3.1.1 Laminations: Shall be 1100, 1145, 3003, or 5052 aluminum alloy foil. The choice of alloy shall be at the discretion of the producer.