



AEROSPACE MATERIAL SPECIFICATION

AMS4000**REV. F**

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Superseding AMS4000E

Aluminum Sheet and Plate
(1060-0)

UNS A91060

RATIONALE

AMS4000F stabilizes this document because this document contains mature technology that is not expected to change and thus no further revisions are anticipated

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Documents

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1. SCOPE:

1.1 Form: This specification covers aluminum in the form of sheet and plate.

1.2 Application: Primarily for metallic gaskets and washers.

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

2.1 SAE Publications: Available from Society of Automotive Engineers, Inc., 400 Commonwealth Drive, Warrendale, PA 15096.

2.1.1 Aerospace Material Specifications:

AMS 2202 - Tolerances, Aluminum-Base and Magnesium-Base Alloy Sheet and Plate

AMS 2350 - Standards and Test Methods

AMS 2355 - Quality Assurance Sampling and Testing of Aluminum-Base and Magnesium-Base Alloys, Wrought Products (Except Forgings Stock) and Flash Welded Rings

2.2 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: Shall conform to the following percentages by weight, determined in accordance with
Ø AMS 2355:

	min	max
Aluminum	99.60	--
Iron	--	0.35
Silicon	--	0.25
Copper	--	0.05
Zinc	--	0.05
Magnesium	--	0.03
Manganese	--	0.03
Titanium	--	0.03
Other Impurities, each	--	0.03

REAFFIRMED
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3.2 Condition: Annealed.

3.3 Properties: The product shall conform to the following requirements, determined in accordance with AMS 2355:
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