



AEROSPACE MATERIAL SPECIFICATION	AMS4279™	REV. C
	Issued 1998-03 Reaffirmed 2017-07 Revised 2022-08 Superseding AMS4279B	
Aluminum Alloy, Alclad Sheet 4.4Cu - 1.5Mg - 0.60Mn (2024-T4 Flat Sheet) Solution Heat Treated, High Formability (Composition similar to UNS A82024)		

RATIONALE

AMS4279C results from a Five-Year Review and update of this specification with changes to prohibit unauthorized exceptions (3.3.3, 3.6, 4.4.1, 5.1.1, 8.4), and update form (1.1), applicable documents (Section 2, 3.2), condition (3.2), ordering information (8.5), and allow the use of the immediate prior specification revision (8.5).

1. SCOPE

1.1 Form

This specification covers an aluminum alloy in the form of sheet clad on both sides with a different alloy for sheet thicknesses of 0.020 to 0.128 inches (0.51 to 3.25 mm), inclusive, in nominal thicknesses (see 3.5).

1.2 Application

This sheet has been used typically for formed structural parts of good strength, but usage is not limited to such applications.

1.2.1 Certain design and processing procedures may cause this sheet to become susceptible to stress-corrosion cracking; ARP823 recommends practices to minimize such conditions.

2. APPLICABLE DOCUMENTS

The issue of the following documents in effect on the date of the purchase order forms a part of this specification to the extent specified herein. The supplier may warrant a subsequent revision of a document unless a specific document issue is specified. When the referenced document has been cancelled and no superseding document has been specified, the last published issue of that document shall apply.

2.1 SAE Publications

Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or +1 724-776-4970 (outside USA), www.sae.org.

AMS2355 Quality Assurance, Sampling and Testing, Aluminum Alloys and Magnesium Alloys, Wrought Products (Except Forging Stock), and Rolled, Forged, or Flash Welded Rings

AMS2772 Heat Treatment of Aluminum Alloy Raw Materials

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