



AEROSPACE MATERIAL SPECIFICATION

AMS4273™

REV. D

Issued	1997-01
Revised	2011-11
Stabilized	2016-11

Superseding AMS4273C

Aluminum Alloy, Sheet and Plate
(2424-T3 Flat Sheet and 2424-T351 Plate)
Solution Heat Treated and Cold Worked
(Composition similar to UNS A92424)

RATIONALE

AMS4273D stabilizes this document because it represents mature technology that is not expected to change and thus no further revisions are anticipated; the alloy is no longer being produced to this specification.

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1. SCOPE

1.1 Form

This specification covers an aluminum alloy in the form of sheet and plate.

1.2 Application

This product has been used typically for formed structural parts with good tensile strength, corrosion resistance, toughness, and resistance to fatigue crack growth, 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 work to 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 724-776-4970 (outside USA), www.sae.org.

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

AMS2772 Heat Treatment of Aluminum Alloy Raw Materials