



AEROSPACE MATERIAL SPECIFICATION	AMS4048™	REV. R
	Issued	1951-10
	Revised	2022-08
Superseding AMS4048P		
Aluminum Alloy Sheet and Plate, Alclad 5.6Zn - 2.5Mg - 1.6Cu - 0.23Cr (Alclad 7075-O) Annealed or when specified, "As Fabricated" (Alclad 7075-F) (Composition similar to UNS A97075)		

RATIONALE

AMS4048R results from a Five-Year Review and update of this specification with changes to prohibit unauthorized exceptions (3.3.4, 3.6, 4.4.1, 5.1.1, 8.5), add provisions for usage of AS6279 (Section 2, 3.7), update applicable documents (Section 2, 8.2) and ordering information (8.6), and allow the use of the immediate prior specification revision (8.4).

1. SCOPE

1.1 Form

This specification covers an aluminum alloy in the form of sheet and plate 0.006 to 1.000 inch (0.20 to 25.40 mm), inclusive, in thickness, clad on two sides, supplied in the annealed (O) condition. When specified, product shall be supplied in the "as fabricated" (F) temper (see 8.6).

1.2 Application

These products have been used typically for formed structural parts which will be subsequently heat treated, but usage is not limited to such applications.

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 +1 724-776-4970 (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

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