



<b>AEROSPACE MATERIAL SPECIFICATION</b>	<b>AMS4029™</b>	<b>REV. M</b>
	Issued 1958-08 Reaffirmed 2017-09 Revised 2022-08  Superseding AMS4029L	
Aluminum Alloy, Sheet and Plate (2014; -T6 Sheet, -T651 Plate) Solution and Precipitation Heat Treated (Composition similar to UNS A82014)		

### RATIONALE

AMS4029M 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, 8.5), update form (1.1), applicable documents (Section 2, 3.2.1, 3.2.2), 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 0.020 to 4.00 inches (0.51 to 101.60 mm), inclusive, in nominal thickness (see 8.5).

##### 1.2 Application

These products have been used typically for structural parts of good strength, but usage is not limited to such applications.

1.2.1 Certain design and processing procedures may cause these products 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

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**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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