



AEROSPACE MATERIAL SPECIFICATION	AMS4315™	REV. B
	Issued 2005-07 Reaffirmed 2011-08 Revised 2022-08	
Superseding AMS4315A		
Aluminum Alloy, Sheet and Plate 5.6Zn - 2.5Mg - 1.6Cu - 0.23Cr 7075: (-T76 Sheet, -T7651 Plate) Solution and Precipitation Heat Treated (Composition similar to UNS R97075)		

RATIONALE

AMS4315B results from a Five-Year Review and update of this specification with changes to add provisions for use of AS6279 (Section 2, 3.7), prohibit unauthorized exceptions (3.3.1.1, 3.6, 4.4.1, 5.1.1, 8.4), update form (1.1), applicable documents (Section 2), metric elongation heading (Table 2B), relocate property statement previously in notes (3.3.1.2), corrected/added metric values for electrical conductivity (3.2.2), and allow the use of the immediate prior specification revision (8.3).

1. SCOPE

1.1 Form

This specification covers an aluminum alloy in the form of sheet and plate up to 2.000 inches (50.80 mm), inclusive, in thickness (see 8.5).

1.2 Application

This product has been used typically for structural applications requiring material with high strength and resistance to exfoliation-corrosion, 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 document 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.

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