



AEROSPACE MATERIAL SPECIFICATION	AMS4500™	REV. K
	Issued 1940-01 Reaffirmed 2017-09 Revised 2022-09 Superseding AMS4500J	
Copper, Sheet, Strip, and Plate Soft Annealed (Composition similar to UNS C10000)		

RATIONALE

AMS4500K results from a Five-Year Review and update of this specification with changes to prohibit unauthorized exceptions (3.6, 4.4.1, 5.1.3, 8.4); update form (1.1), applicable documents (Section 2, 3.1), material (3.1), and ordering information (8.5); and allow the use of the immediate prior specification revision (8.3).

1. SCOPE

1.1 Form

This specification covers unalloyed copper in the form of sheet, strip, and plate, at least 0.015 inch (0.38 mm) in nominal thickness.

1.2 Application

These products have been used typically for electrical components and for formed and drawn parts, such as gaskets and washers, 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.

AMS2222 Tolerances, Copper and Copper Alloy Sheet, Strip, and Plate

AS7766 Terms used in Aerospace Metals Specifications

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