



<b>AEROSPACE MATERIAL SPECIFICATION</b>	<b>AMS2451™/13</b>	<b>REV. A</b>
	Issued 2002-12 Revised 2017-11 Reaffirmed 2022-05	
Superseding AMS2451/13		
Plating, Brush, Silver		

## RATIONALE

AMS2451/13A is the result of a Five-Year Review and update of this specification with a change to 3.2.2.

AMS2451/13A has been reaffirmed to comply with the SAE Five-Year Review policy.

### 1. SCOPE

#### 1.1 Purpose

This specification covers the engineering requirements and process for brush plating of silver by electrodeposition. It shall be used, in conjunction with AMS2451, for silver deposits.

#### 1.2 Application

This process has been used typically to provide low electrical contact resistance, prevent galling or seizing of surfaces of parts, and corrosion protection, but usage is not limited to such applications.

#### 1.3 Safety - Hazardous Materials

Shall be in accordance with AMS2451.

### 2. APPLICABLE DOCUMENTS

In addition to those listed in AMS2451, 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

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AMS2412 Plating, Silver, Copper Strike, Low Bake

AMS2451 Plating, Brush, General Requirements

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