



# AEROSPACE MATERIAL SPECIFICATION

AMS-C-8837™

REV. A

Issued	1999-06
Reaffirmed	2008-05
Stabilized	2015-10

Superseding AMS-C-8837

Coating, Cadmium (Vacuum Deposited)

AREA MFFP

## RATIONALE

AMS-C-8837A stabilizes this document because it contains requirements that are no longer state of the art and are also contained in alternate documents that contain equivalent requirements.

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AMS2426 Coating, Cadmium Vacuum Deposition

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## 1. SCOPE:

### 1.1 Scope:

This specification covers the requirements for three types and three classes for vacuum deposited cadmium coating.

### 1.2 Classification:

The cadmium coatings shall be of the following types and classes, as specified (see 6.2.1):

#### 1.2.1 Types:

I - As coated

II - With supplementary chromate treatment (see 3.3.8)

III - With supplementary phosphate treatment (see 3.3.9)

#### 1.2.2 Classes:

1 - 0.00050 inch thick minimum

2 - 0.00030 inch thick minimum

3 - 0.00020 inch thick minimum

## 2. APPLICABLE DOCUMENTS:

The following publications, of the issue in effect on date of invitation for bids or request for proposal, form a part of this specification to the extent specified herein.

### 2.1 U.S. Government Publications:

Available from DODSSP, Subscription Services Desk, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.

QQ-A-671 Anode, Cadmium

TT-C-490 Cleaning Methods and Pretreatment of Ferrous Surfaces for Organic Coatings

MIL-STD-105 Sampling Procedures and Tables for Inspection by Attributes

MIL-STD-1312 Fasteners, Test Methods