

AEROSPACE MATERIAL SPECIFICATION

Submitted for recognition as an American National Standard



AMS 3138/3B

Issued OCT 1980
Revised JAN 1999

Superseding AMS 3138/3A

(R)

Coating Material, Fluorocarbon (FKM) Elastomeric Rain-Erosion Resistant, Color Matched

1. SCOPE:

1.1 Form:

This specification covers a fluorocarbon (FKM) elastomeric coating material for fiber-reinforced-resin composite structures in the form of a two-component, brushable or sprayable liquid.

1.2 Application:

Primarily as a coating for protection of aircraft and missile radomes and other components from rain-erosion.

2. APPLICABLE DOCUMENTS:

See AMS 3138.

3. TECHNICAL REQUIREMENTS:

3.1 Basic Specification:

The complete requirements for procuring the coating material described herein shall consist of this document and the latest issue of the basic specification, AMS 3138.

3.2 Material:

Shall be as specified in AMS 3138.

- 3.2.1 Color: Shall be of sufficient intensity to hide completely the surface of the substrate when applied at the specified coating thickness, and shall closely match the applicable color chip of FED-STD-595 or purchaser-supplied color standard as applicable. If not otherwise specified, the color shall be gray.

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