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# AEROSPACE MATERIAL SPECIFICATION

**SAE** AMS-3138/2

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## COATING MATERIAL, FLUOROCARBON (FKM) ELASTOMERIC Rain-Erosion and Thermal-Flash Resistant, White

### 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 and thermal flash.

### 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 white and of sufficient intensity to hide completely the surface of the substrate when applied at the specified coating thickness.
- 3.2.2 **Primer:** A primer or adhesion-promoter may be used prior to application of the coating material and shall be used when recommended by the manufacturer. Primer shall be thermally stable and shall meet requirements of this specification when used according to manufacturer's instructions.

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