

ADOPTION NOTICE

AMS 3138/2, "Coating Material, Fluorocarbon (FKM), Elastomeric, Rain-Erosion and Thermal-Flash Resistant, White" was adopted on 12 December 1994 for use by the Department of Defense (DoD). Proposed changes by DoD activities must be submitted to the DoD Adopting Activity: Air Force, ASC/ENOSD, Building 125, 2335 Seventh Street, Suite 6, Wright-Patterson AFB OH 45433-7809. DoD activities may obtain copies of this standard from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094. The private sector and other Government agencies may purchase copies from the Society of Automotive Engineers Inc., 400 Commonwealth Drive, Warrendale, PA 15096-0001.

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(Proj No. 8010-0010)

AMSC N/A

FSC 8010

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AEROSPACE MATERIAL SPECIFICATION

SAE AMS-3138/2

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Issued 1980-10-15
Revised 1990-07-01

Submitted for recognition as an American National Standard

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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