

**AEROSPACE
MATERIAL
SPECIFICATION**

SAE AMS3138/1C

Issued 1980-10

Cancelled 2009-04

Superseding AMS3138/1B

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

RATIONALE

This slash sheet was incorporated into the basic specification, AMS3138D

CANCELLATION NOTICE

This specification has been declared "CANCELLED" by the Aerospace materials Division, SAE, as of April 2009, and has been superseded by AMS3138D. The requirements of the latest issue of AMS3138D shall be fulfilled whenever reference is made to the cancelled AMS3138/1B. By this action, this document will remain listed in the Numerical Section of the Index of Aerospace Material Specifications, noting that it has been superseded by AMS3138D.

Cancelled specifications are available from SAE.

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 <p>SAE The Engineering Society For Advancing Mobility Land Sea Air and Space® INTERNATIONAL</p> <p>400 Commonwealth Drive, Warrendale, PA 15096-0001</p>	<p>AEROSPACE MATERIAL SPECIFICATION</p>	<p>SAE AMS 3138/1B</p>
		<p>Issued OCT 1980 Revised JAN 1999</p> <p>Superseding AMS 3138/1A</p>
<p>Submitted for recognition as an American National Standard</p>		
<p>(R) Coating Material, Fluorocarbon (FKM), Elastomeric Rain-Erosion Resistant, Black</p>		
<p>1. SCOPE:</p> <p>1.1 Form:</p> <p>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.</p> <p>1.2 Application:</p> <p>Primarily as a coating for protection of aircraft and missile radomes and other components from rain-erosion.</p> <p>2. APPLICABLE DOCUMENTS:</p> <p>See AMS 3138.</p> <p>3. TECHNICAL REQUIREMENTS:</p> <p>3.1 Basic Specification:</p> <p>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.</p> <p>3.2 Material:</p> <p>Shall be as specified in AMS 3138.</p> <p>3.2.1 Color: Shall be black and of sufficient intensity to hide completely the surface of the substrate when applied at the specified coating thickness.</p> <p>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.</p>		

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