



AEROSPACE MATERIAL SPECIFICATION

AMS3217™/8

REV. A

Issued 2012-05

Revised 2017-10

Superseding AMS3218/8

Test Slabs, Fluoroelastomer (FKM), 70-80 Hardness,
for Improved Gas Turbine Engine Oil Compatibility

RATIONALE

AMS3217/8A results from a Five-Year Review and update of this specification.

1. SCOPE

1.1 Form

This specification covers a fluorocarbon (FKM) rubber stock in the form of molded test slabs.

1.2 Application

See AMS3217.

Useful as a reference for evaluating compatibility to a variety of gas turbine engine oils, including higher thermo-oxidative stability (HTS) lubricants, including those conforming to MIL-PRF-23699 Class HTS, MIL-PRF-7808 Grade 4 and AS5780 Class HPC, at elevated temperature (392 °F / 200 °C).

2. APPLICABLE DOCUMENTS

See AMS3217.

3. TECHNICAL REQUIREMENTS

3.1 Basic Specifications

The complete requirements for test slabs described herein and their procurement shall consist of this document and the latest issue of the basic specification AMS3217.

3.2 Material

Shall be a fluoroelastomer (FKM) compounded to the formulation shown in Table 1.

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