

AEROSPACE MATERIAL SPECIFICATION

Submitted for recognition as an American National Standard



AMS 7295/3B

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Superseding AMS 7295/3A

Radiographic Film 4-80

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1. SCOPE:**1.1 Form:**

This specification covers one type of medium-contrast, fine-grain radiographic film in the form of cut sheets or rolls.

1.2 Application:

This film will provide a radiographic quality level of 2-1T sensitivity when properly utilized (See AMS 7295).

1.3 Classification:

Medium contrast with gradient of 4.0 to 4.9 and exhibiting resolution of 80 or more lines per millimeter.

2. APPLICABLE DOCUMENTS:

See AMS 7295.

3. TECHNICAL REQUIREMENTS:**3.1 Basic Specification:**

The complete requirements for film described herein and its procurement shall consist of this document and the latest issue of the basic specification, AMS 7295.

3.1.1 Definition: Properties shall be as defined in AMS 7295.**3.2 Properties of Radiographic Film:**

3.2.1 Thickness: Shall be 0.007 inch $\pm$ 0.001 (0.18 mm $\pm$ 0.03).

3.2.2 Net Optical Density: Shall be not greater than 0.20 H&D units.

3.2.3 Gradient or Contrast: Shall be 4.0 to 4.9 at 1.5 to 3.5 H&D units.

3.2.4 Resolution: Shall be fine, showing at least 80 lines per millimeter.

4. QUALITY ASSURANCE PROVISIONS:

See AMS 7295.