

**AEROSPACE  
MATERIAL  
SPECIFICATION**



**AMS 7295/5C**

Issued APR 1978  
Revised APR 1993  
Noncurrent JUL 1998  
Cancelled FEB 2006  
Superseding AMS 7295/BB

Radiographic Film  
3-80

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**1. SCOPE:****1.1 Form:**

This specification covers one type of low-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 2-2T sensitivity when properly utilized (See AMS 7295).

**1.3 Classification:**

Low contrast with gradient of 3.0 to 3.9 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 3.0 to 3.9 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.

**5. PREPARATION FOR DELIVERY:**

See AMS 7295.