

# AEROSPACE MATERIAL SPECIFICATION

Submitted for recognition as an American National Standard



AMS 7295/7B

Issued APR 1978  
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Noncurrent JUL 1998

Superseding AMS 7295/7A

## Radiographic Film 3-30

### NONCURRENT NOTICE

This specification has been declared "NONCURRENT" by the Aerospace Materials Division, SAE, as of July 1998. It is recommended, therefore, that this specification not be specified for new designs.

"NONCURRENT" refers to those materials which have previously been widely used and which may be required on some existing designs in the future. The Aerospace Materials Division, however, does not recommend these as standard materials for future use in new designs. Each "NONCURRENT" specification is available from SAE upon request.

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

This specification covers one type of low-contrast, coarse-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 20 to 39 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 0.30 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 coarse, showing 20 to 39 lines per millimeter.

**4. QUALITY ASSURANCE PROVISIONS:**

See AMS 7295.

**5. PREPARATION FOR DELIVERY:**

See AMS 7295.