

AEROSPACE MATERIAL SPECIFICATION

SAE AMS-3782/4

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WEBBING, TEXTILE, TUBULAR, PARA-ARAMID Intermediate Modulus 0.50 ounce per linear yard (20 g/linear m)

1. SCOPE:

1.1 **Form** This specification covers one weight and type of para-aramid webbing.

1.2 **Application:** Primarily for use in the manufacture of parachutes and their accessories.

1.3 **Classification:** The webbing shall be a para-aramid tube with weight not more than 0.50 ounce per linear yard (20 g/linear m) and breaking strength not lower than 2800 pounds force (12455 N).

2. **APPLICABLE DOCUMENTS:** See AMS-3782.

3. TECHNICAL REQUIREMENTS:

3.1 **Basic Specification:** The complete requirements for procuring the webbing described herein shall consist of this document and the latest issue of the basic specification, AMS-3782.

3.2 **Material:** Shall conform to the following:

3.2.1 **Yarn Twist:** The warp yarns shall be twisted so as to have not less than 3 turns for the 1500 denier yarn. Filling yarns shall have the producer's twist only.

3.2.2 **Weave:** The webbing shall be tubular, plain weave, 1 up and 1 down.

3.3 **Properties:** Webbing shall conform to the following requirements, determined in accordance with test methods listed in the basic specification, AMS-3782:

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