

AEROSPACE MATERIAL SPECIFICATION

Submitted for recognition as an American National Standard

SAE AMS-3782/5

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Superseding AMS-3782/5

WEBBING, TEXTILE, TUBULAR, PARA-ARAMID Intermediate Modulus 0.70 ounce per linear yard (28 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 0.70 ounce per linear yard (28 g/linear m) and breaking strength not lower than 3500 pounds force (15,569 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:

3.3.1 Width: 1.00 inch \pm 0.06 (25.4 mm \pm 1.5)

3.3.2 Weight, Maximum 0.70 ounce per linear yard (28 g/linear m)

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