

**AEROSPACE
MATERIAL
SPECIFICATION**

SAE AMS3782/2

REV. B

Issued 1985-07
Revised 1990-10
Reaffirmed 1994-04
Stabilized 2013-09

Superseding AMS3782/2A

Webbing, Textile, Tubular, Para-Aramid
Intermediate Modulus
0.30 ounce per linear yard (12 g/linear m)

RATIONALE

This document has been determined to contain basic and stable technology which is not dynamic in nature.

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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 para-aramid tube with weight not more than 0.30 ounce per linear yard (12 g/linear m) and breaking strength not lower than 1500 pounds force (6672 N).

2. APPLICABLE DOCUMENTS:

See AMS-3782.

3. TECHNICAL DOCUMENTS:

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 4 turns for the 1000 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: 0.56 inch \pm 0.06 (14.2 mm \pm 1.5)

3.3.2 Weight, Maximum: 0.30 ounce per linear yard (12 g/linear m)

3.3.3 Breaking Strength, Minimum: 1500 pounds force (6672 N)

3.3.4 Ends in Warp: 45

3.3.5 Picks Per Inch (25.4 mm): 34

3.3.5.1 One-half on each side of a flattened tube.

3.3.6 Number of singles yarn for final plied yarns.

3.3.6.1 Warp: 1

3.3.6.2 Filling: 1

3.3.7 Yarn Denier:

3.3.7.1 Warp: 1000

3.3.7.2 Filling: 1000

4. QUALITY ASSURANCE PROVISIONS:

See AMS-3782.

5. PREPARATION FOR DELIVERY:

See AMS-3782.

6. ACKNOWLEDGMENT:

See AMS-3782.

7. REJECTIONS:

See AMS-3782.