

**AEROSPACE  
MATERIAL  
SPECIFICATION**

Issued JUL 1985  
Revised OCT 1990  
Reaffirmed APR 1994

Superseding AMS-3782/2

Webbing, Textile, Tubular, Para-Aramid  
Intermediate Modulus  
0.30 ounce per linear yard (12 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 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.

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

Copyright 2002 Society of Automotive Engineers, Inc.  
All rights reserved.

Printed in U.S.A.

QUESTIONS REGARDING THIS DOCUMENT:  
TO PLACE A DOCUMENT ORDER:  
SAE WEB ADDRESS:

(724) 772-7161  
(724) 776-4970  
<http://www.sae.org>

FAX: (724) 776-0243  
FAX: (724) 776-0790

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.