

AN AMERICAN NATIONAL STANDARD

SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space®
INTERNATIONAL

400 Commonwealth Drive, Warrendale, PA 15096-0001

**AEROSPACE
MATERIAL
SPECIFICATION**

SAE

AMS 3795/2A

Issued 1 JUL 1986

Revised 1 JAN 1993

Superseding AMS 3795/2

Submitted for recognition as an American National Standard

WEBBING, WOVEN NYLON FABRIC
9000 Pounds (40,050 N), 2.5 Ounces/Yards (77.5 g/m)

This specification has been declared "NONCURRENT" by the Aerospace Materials Division, SAE, as of July, 1992. It is recommended, therefore, that this specification not be specified for new designs.

This cover sheet should be attached to the initial revision of the subject specification.

"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 of these "NONCURRENT" specifications is available from SAE upon request.

PREPARED UNDER THE JURISDICTION OF AMS COMMITTEE "CP".

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.

SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space®
INTERNATIONAL

400 Commonwealth Drive, Warrendale, PA 15096-0001

**AEROSPACE
MATERIAL
SPECIFICATION**

Submitted for recognition as an American National Standard

SAE AMS 3795/2

Issued 7-1-86

WEBBING, WOVEN NYLON FABRIC
9000 lb (40,050 N), 2.5 oz per yd (77.5 g/m)

1. SCOPE:

- 1.1 Form: This specification covers one strength and weight of nylon fabric in the form of webbing.
- 1.2 Application: Primarily for use in the manufacture of aerial retrieval parachutes and their accessories requiring high strength, high energy absorption, good abrasion resistance, and minimum weight and bulk.
- 1.3 Classification: Breaking strength not lower than 9000 lb (40,050 N) with weight not higher than 2.5 oz per linear yd (77.5 g per linear m).

2. APPLICABLE DOCUMENTS: See AMS 3795.

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 3795.
- 3.2 Identification Yarn: Shall be Color Association Red No. 70081.
- 3.3 Properties: Webbing shall conform to the following requirements:
- | | | |
|-------|------------------------|---|
| 3.3.1 | Breaking Strength, min | 9000 lb (40,050 N) |
| 3.3.2 | Weight, max | 2.5 oz per linear yd
(77.5 g per linear m) |
| 3.3.3 | Width, max | 0.90 in. (22.5 mm) |
| 3.3.4 | Thickness, max | 0.22 in. (5.5 mm) |

SAE Technical 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."

AMS documents are protected under United States and international copyright laws. Reproduction of these documents by any means is strictly prohibited without the written consent of the publisher.