

AEROSPACE MATERIAL SPECIFICATION

SAE

AMS 3718/4A

Issued 1 OCT 1985
Revised 1 JAN 1993
Superseding AMS 3718/4

Submitted for recognition as an American National Standard

WEBBING, WOVEN NYLON
For Decelerators
1-23/32 (43) Wide, 8700 (38,700) Breaking Strength

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 issue 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.



400 Commonwealth Dr., Warrendale, PA 15096

AEROSPACE MATERIAL SPECIFICATION

AMS 3718/4

Submitted for recognition as an American National Standard

 Issued 10-1-85
 Revised

WEBBING, WOVEN NYLON For Decelerators 1-23/32 (43) Wide, 8700 (38,700) Breaking Strength

1. SCOPE:

1.1 Form: This specification covers one width and one strength of nylon webbing.

1.2 Application: Primarily for use in construction of decelerators.

1.3 Classification: 1-23/32 in. (43 mm) wide nylon webbing having 8700 lb (38,700 N) breaking strength.

2. APPLICABLE DOCUMENTS: See AMS 3718.

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 3718.

3.2 Construction and Properties: Shall be as specified in Table I and the following:

3.2.1 Weave: Shall be as shown in Fig. 1, a 5 up, 1 down, 1 up, 5 down herringbone twill with one reversal at the center of the webbing.

4. QUALITY ASSURANCE PROVISIONS: See AMS 3718.

5. PREPARATION FOR DELIVERY: See AMS 3718.

6. ACKNOWLEDGMENT: See AMS 3718.

7. REJECTIONS: See AMS 3718.

8. NOTES: See AMS 3718.

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.