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400 COMMONWEALTH DRIVE, WARRENDALE, PA 15096

AEROSPACE MATERIAL SPECIFICATION

Submitted for recognition as an American National Standard

AMS 3798/7A

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Superseding AMS 3798/7

WEBBING, LOW MODULUS ARAMID
1-23/32 (44) Wide, 8700 (38,700) Breaking Strength
Double Plain Weave with Binder

THIS REVISION CONTAINS ONLY EDITORIAL CHANGES.

1. SCOPE:

1.1 Form: This specification covers one width and one strength of low-modulus aramid webbing.

1.2 Application: Primarily for use in construction of parachutes.

1.3 Classification: 1-23/32 inches (44 mm) wide low-modulus aramid webbing having 8700 pounds force (38,700 N) breaking strength.

2. APPLICABLE DOCUMENTS: See AMS 3798.

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 3798.

3.2 Construction and Properties:

3.2.1 Yarn: Yarn used in weaving the webbing shall be low-modulus aramid with a carbonization (char) temperature not lower than 355°C (671°F).

3.2.1.1 Denier and Filament Count: The yarn shall be 1200 denier ± 15 and shall consist of 600 filaments ± 15.

3.2.1.2 Ply: Final warp yarn shall be not less than 3 ply; binder warp yarn shall be singles. Filling yarn shall be not less than 2 ply.