

WEBBING, LOW MODULUS ARAMID
3-1/32 (77) Wide, 9,000 (40,000) Breaking Strength
Double Plain Weave with Binder

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: 3-1/32 in. (77 mm) wide low-modulus aramid webbing having 9,000 lb (40,000 N) breaking strength.

2. APPLICABLE DOCUMENTS: Shall be as shown in 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 (670°F).

3.2.1.1 Denier and Filament Count: The yarn shall be 1,200 denier \pm 15 and shall consist of 600 filaments \pm 15.

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

3.2.1.3 Twist: The final ply of yarn shall have not less than 2.5 turns per in. (25 mm) twist. The required denier and number of single yarns shall be twisted together (plied) in one operation.

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