

Submitted for recognition as an American National Standard

WEBBING, TUBULAR, LOW MODULUS ARAMID
1(25) Wide, 4000 (17,793 N) Breaking Strength

1. SCOPE:

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

1.2 Application: Primarily for use in construction of parachutes.

1.3 Classification: 1 inch (25.4 mm) wide low modulus aramid tubular webbing having 4000 pounds force (17,793 N) breaking strength.

2. APPLICABLE DOCUMENTS: See AMS 3799.

3. TECHNICAL REQUIREMENTS:

3.1 Basic Specification: The complete requirements for procuring the tubular webbing described herein shall consist of this document and the latest issue of the basic specification, AMS 3799.

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 200 denier \pm 15 and shall consist of 100 filaments \pm 10.

3.2.1.2 Ply: The yarn shall be 8 ply.

3.2.1.3 Twist: The final ply of yarn shall be twisted 2.5 to 2.8 turns per inch (25.4 mm).

3.2.2 Webbing:

3.2.2.1 Weave: Shall be tubular, plain, one up and one down.

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