

TAPE, LOW MODULUS ARAMID
2 (50), 3,000 (13,345) Breaking Strength

1. SCOPE:

1.1 Form: This specification covers one weight of low-modulus aramid tape.

1.2 Application: Primarily for use in construction of parachutes.

1.3 Classification: 2.0 in. (50 mm) wide low-modulus aramid tape having 3,000 lb (13,345 N) breaking strength.

2. APPLICABLE DOCUMENTS: Shall be as shown in AMS 3792.

3. TECHNICAL REQUIREMENTS:

3.1 Basic Specification: The complete requirements for procuring the tape described herein shall consist of this document and the latest issue of the basic specification, AMS 3792.

3.2 Construction and Properties:

3.2.1 Yarn: Shall be as specified in AMS 3792.

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 warp yarns shall be 4 ply. The filling yarns shall be 4 ply.

3.2.1.3 Twist: The warp yarns shall be twisted 3.0 \pm 0.5 turns per in. (25 mm). The filling yarns shall be twisted 3.0 \pm 0.5 turns per in. (25 mm).

3.2.2 Tape:

3.2.2.1 Weave: The body weave shall be 2-up and 2-down right-hand twill. The selvage shall contain no additional ends.

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