

AEROSPACE MATERIAL SPECIFICATION

SAE AMS3792/2

REV. B

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Superseding AMS3792/2A

Tape, Low Modulus Aramid
2 (51), 1000 (4448) Breaking Strength

RATIONALE

This document has been determined to contain basic and stable technology which is not dynamic in nature.

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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 inches (51 mm) wide low-modulus aramid tape having 1000 pounds force (4448 N) breaking strength.

2. APPLICABLE DOCUMENTS: See 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:

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 1 ply. The filling yarns shall be 2 ply.

3.2.1.3 Twist: The warp yarns shall be twisted 5.0 ± 1 turns per inch (25.4 mm). The filling yarns shall be twisted 3.0 ± 1 turns per inch (25.4 mm).

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