

AEROSPACE MATERIAL SPECIFICATION

SAE AMS3792/3

REV. B

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Superseding AMS3792/3A

Tape, Low Modulus Aramid
2 (51), 3000 (13,345) 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 3000 pounds force (13,345 N) breaking strength.

2. APPLICABLE DOCUMENTS: See.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 ± 15 and shall consist of 100 filaments ± 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 ± 0.5 turns per inch (25.4 mm). The filling yarns shall be twisted 3.0 ± 0.5 turns per inch (25.4 mm).

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