

AEROSPACE MATERIAL SPECIFICATION

SAE AMS3792/1

REV. B

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Superseding AMS3792/1A

Tape, Low Modulus Aramid
2 (51), 300 (1334) 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: Low-modulus aramid tape having width of 2.0 inches (51 mm) and 300-pounds force (1334-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 warp yarn shall be 200 denier $\pm$ 15 and shall consist of 100 filaments $\pm$ 15. The filling yarn shall be 100 denier $\pm$ 10 and shall consist of 50 filaments $\pm$ 10.

3.2.1.2 Ply: The warp and filling yarns shall be 1 ply.

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