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AEROSPACE MATERIAL SPECIFICATION

Submitted for recognition as an American National Standard

AMS 3797/5A

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Superseding AMS 3797/5

WEBBING, NYLON, INTEGRAL LOCKING SLOTS
1 (25) Wide, 5000 (22,241) Breaking Strength

1. SCOPE:

1.1 Form: This specification covers one width and one strength of integral locking slot nylon webbing.

1.2 Application: Primarily for use in construction of parachutes.

1.3 Classification: 1.0 inch (25.4 mm) wide integral locking slot nylon webbing having 5000 pounds force (22,241 N) breaking strength.

2. APPLICABLE DOCUMENTS: See AMS 3797.

3. TECHNICAL REQUIREMENTS:

3.1 Basic Specification: The complete requirements for procuring the webbing described herein shall consist of this document and the latest issue of the basic specification, AMS 3797.

3.2 Construction and Properties:

3.2.1 Yarn: Shall be as specified in AMS 3797.

3.2.1.1 Denier and Filament Count: The yarn shall be 840 denier ± 15 and shall consist of 140 filaments ± 10.

3.2.1.2 Ply: The final warp yarn shall be not less than 2 ply. Final filling yarn shall be not less than 2 ply.

3.2.1.3 Twist: The final warp and filling yarns shall have not less than 2.5 turns per inch (25.4 mm) twist. The number of single yarns specified in 3.2.1.2 shall be twisted together (plied) in one operation.

3.2.2 Webbing: Shall conform to the following requirements: