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# AEROSPACE MATERIAL SPECIFICATION

SAE AMS 3777/9

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Submitted for recognition as an American National Standard

## TAPE, NYLON, NONMELTING, REINFORCING 2 (50) Wide, 3000 (13,345 N) Breaking Strength

### 1. SCOPE:

- 1.1 Form: This specification covers one width and strength of nylon tape.
- 1.2 Application: Primarily for use in binding and reinforcing applications in parachute packs.
- 1.3 Classification: Two in. (50 mm) wide nylon reinforcing tape having a breaking strength of 3000 lb (13,345 N).

### 2. APPLICABLE DOCUMENTS: See AMS 3777.

### 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 3777.

### 3.2 Construction and Properties:

- 3.2.1 Yarn: Yarn used in weaving the tape shall be nonmelting, aromatic polyamide with a char temperature not lower than 355°C (675°F).

#### 3.2.1.1 Denier/Ply: Shall be as follows:

Warp yarns	200/1
Filling yarn	200/2

#### 3.2.2 Tape: Shall conform to the following:

##### 3.2.2.1 Weave: 2-up and 2-down right hand twill.

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