

AEROSPACE  
MATERIAL  
SPECIFICATION

Submitted for recognition as an American National Standard

SAE AMS 3777/4

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TAPE, NYLON, NONMELTING, REINFORCING  
1-1/2 (38) Wide, 1500 (6670 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: 1-1/2 in. (38 mm) wide nylon reinforcing tape having a breaking strength of 1500 lb (6670 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 yarn	200/2
Binder yarn	200/2
Filling yarn	200/2

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