

AEROSPACE
MATERIAL
SPECIFICATION

Submitted for recognition as an American National Standard

SAE AMS 3777/6

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TAPE, NYLON, NONMELTING, REINFORCING
5/16 (8) Wide, 350 (1555 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: 5/16 in. (8 mm) wide nylon reinforcing tape having a breaking strength of 350 lb (1555 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	200/1
Binder yarn	200/1
Stuffer yarn	200/1
Filling yarn	200/1

REAFFIRMED

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