

**AEROSPACE
MATERIAL
SPECIFICATION**

SAE AMS 3777/7

Issued 4-1-86

Submitted for recognition as an American National Standard

**TAPE, NYLON, NONMELTING, REINFORCING
2 (50) 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: Two in. (50 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
Filling yarn	200/4

REAFFIRMED

SAE Technical Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

AMS documents are protected under United States and international copyright laws. Reproduction of these documents by any means is strictly prohibited without the written consent of the publisher.