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400 Commonwealth Drive, Warrendale, PA 15096-0001

# AEROSPACE MATERIAL SPECIFICATION

Submitted for recognition as an American National Standard

**SAE**

AMS 3777/2B

Issued APR 1986  
Cancelled OCT 1995

Superseding AMS 3777/2A

TAPE, NYLON, NONMELTING, REINFORCING  
9/16 (14) Wide, 500 (2225 N) Breaking Strength

This specification has been "CANCELLED" by the Aerospace Materials Division, SAE, as of October 1995. By this action, subject specification number and title will be deleted from the active specification index of Aerospace Material Specifications. Cancelled specifications are available from SAE upon request.

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PREPARED UNDER THE JURISDICTION OF AMS COMMITTEE "P"

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**AEROSPACE  
MATERIAL  
SPECIFICATION**

SAE AMS 3777/2

Issued 4-1-86

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**TAPE, NYLON, NONMELTING, REINFORCING  
9/16 (14) Wide, 500 (2225 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: 9/16 in. (14 mm) wide nylon reinforcing tape having a breaking strength of 500 lb (2225 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	200/4
Filling yarn	200/2

3.2.1.2 Twist: Shall be as follows:

Warp ply yarn, min	2.5
Filling yarn ply, min	2.5

REAFFIRMED

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