

SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space®
INTERNATIONAL

400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE MATERIAL SPECIFICATION

Submitted for recognition as an American National Standard

SAE

AMS 3777/4B

Issued APR 1986
Cancelled OCT 1995

Superseding AMS 3777/4A

TAPE, NYLON, NONMELTING, REINFORCING
1-1/2 (38) Wide, 1500 (6670 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.

SAENORM.COM : Click to view the full PDF of [ams3777/4B](#)

PREPARED UNDER THE JURISDICTION OF AMS COMMITTEE "P"

SAE Technical Standards 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."

SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

Copyright 1995 Society of Automotive Engineers, Inc.
All rights reserved.

Printed in U.S.A.

AEROSPACE
MATERIAL
SPECIFICATION

SAE AMS 3777/4

Issued 4-1-86

Submitted for recognition as an American National Standard

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

REAL FIRMED

10/91

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.