

**AEROSPACE
MATERIAL
SPECIFICATION**

SAE AMS3778/4

REV. B

Issued 1986-07
Revised 1990-10
Stabilized 2012-02

Superseding AMS3778/4A

Webbing, Woven, Nylon
2600 Pounds Force (11,565 N)

RATIONALE

This document has been determined to contain basic and stable technology which is not dynamic in nature.

STABILIZED NOTICE

This document has been declared "Stabilized" by SAE AMS P, Polymeric Materials Committee, and will no longer be subjected to periodic reviews for currency. Users are responsible for verifying references and continued suitability of technical requirements. Newer technology may exist.

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 © 2012 SAE International

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SAE.

TO PLACE A DOCUMENT ORDER: Tel: 877-606-7323 (inside USA and Canada)
Tel: +1 724-776-4970 (outside USA)
Fax: 724-776-0790
Email: CustomerService@sae.org
<http://www.sae.org>

SAE WEB ADDRESS:

**SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/AMS3778/4B>**

1. SCOPE:

1.1 Form: This specification covers one type of nylon webbing.

1.2 Application: Primarily for use in the manufacture of oxygen mask retention kits.

1.3 Classification: 2600 pounds force (11,565 N) breaking strength.

2. APPLICABLE DOCUMENTS: See AMS-3778.

3. TECHNICAL REQUIREMENTS:

3.1 Basic Specification: The complete requirements for procuring the webbing described herein shall consist of this document and the latest issue of the basic specification, AMS-3778,

3.2 Construction and Properties: Shall conform to the requirements of Table I and the following:

3.2.1 Yarn:

3.2.1.1 Denier and Filament Count: Shall be 840 denier, 140 filaments.

3.2.1.2 Twist: The final ply of the warp and filling yarns shall have a twist of not less than 2.5 turns per inch (25.4 mm).

3.2.2 Webbing: