



PIA-W-4088F
19 June 2013

Superseding
PIA-W-4088E
12 September 2008

The following commercial specification is adopted from the military document. Revision A included all known accepted revisions, amendments, notices, and Department of Defense (DoD) engineering changes previously developed for this item. Revisions B and forward include changes adopted to reflect technology and design evolution.

WEBBING, TEXTILE, WOVEN NYLON

The Parachute Industry Association makes this document available for use by Industry and Government organizations that wish to apply this specification to their products.

1. SCOPE

1.1 Scope. This specification covers untreated nylon webbing.

1.2 Classification. The nylon webbing shall be furnished in the type and class specified (see 1.2.1 and 6.2). The types shall conform to the requirements of TABLES I, II and III as applicable for the specified type.

Class 1	- Shuttle loom, nylon 6,6
Class 1A	- Shuttleless loom, nylon 6,6
Class 2	- Shuttle or shuttleless loom, nylon 6 or nylon 6,6

1.2.1 Class reference. When procurement documents referencing this specification do not specify the class of webbing, the requirements for Class 1A webbing shall apply. When Class 2 webbing is specified, Classes 1 or 1A are acceptable alternates.

2. APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in Sections 3 and 4 of this specification. This section does not include documents cited in other sections of this specification or recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements of the documents cited in Sections 3 and 4 of this specification, whether or not they are listed.

2.2 Government publications.

2.2.1 Government publications. The following Government publication forms a part of this document.

DISTRIBUTION STATEMENT: All Rights Reserved. No Part of this publication may be reproduced without prior written permission from Parachute Industry Association. Additional copies may be purchased on-line from PIA Specifications and Products: www.pia.com.

FEDERAL TRADE COMMISSION (FTC)

- 16 CFR 303 - Rules and Regulations Under the Textile Fiber Products Identification Act

(Copies are available online at www.ftc.gov or from the Federal Trade Commission, 600 Pennsylvania Avenue, N.W. Washington DC 20580-0001. Electronic copies may also be obtained from <http://www.access.gpo.gov/>.)

2.3 Non-government publications. The following documents form a part of this document.

AMERICAN SOCIETY FOR QUALITY (ASQ)

- ANSI/ASQ Z1.4 - Sampling Procedures and Tables for Inspection by Attributes

(Copies are available online at: www.asq.org or from the American Society for Quality, 600 North Plankinton Ave., Milwaukee, WI 53203. Electronic copies may also be obtained from www.access.gpo.gov/.)

ASTM INTERNATIONAL (ASTM)

- ASTM D 276 - Standard Test Methods for Identification of Fibers in Textiles
- ASTM D 1423 - Standard Test Method for Twist in Yarns by Direct-Counting
- ASTM D 1776 - Standard Practice for Conditioning and Testing Textiles
- ASTM D 1777 - Standard Test Method for Thickness of Textile Materials
- ASTM D 1907 - Standard Test Method for Linear Density of Yarn (Yarn Number) by the Skein Method
- ASTM D 3774 - Standard Test Method for Width of Textile Fabric
- ASTM D 3775 - Standard Test Method for Warp (End) and Filling (Pick) Count of Woven Fabrics
- ASTM D 3776 - Standard Test Method for Mass per Unit Area (Weight) of Fabric
- ASTM D 6770 - Standard Test Method for Abrasion Resistance of Textile Webbing (Hex Bar Method)

(Application for copies should be addressed to ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959. Electronic copies may be obtained from www.astm.org.)

AMERICAN ASSOCIATION OF TEXTILE CHEMISTS AND COLORISTS (AATCC)

- AATCC 8 - Colorfastness to Crocking; AATCC Crockmeter Method
- AATCC 16 - Colorfastness to Light
- AATCC 20 - Fiber Analysis: Qualitative
- AATCC 61 - Colorfastness to Laundering: Accelerated
- AATCC 81 - pH of Water-Extract from Wet Processed Textiles