Parachute Industry Association
COMMERCIAL SPECIFICATION®

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

WEBBING, TEXTILE, WOVEN NYLON IMPREGNATED

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 document covers resin or latex impregnated woven nylon textile tape and webbing.

1.2 Classification. The treated tape and webbing shall be one of the following classes as specified (see 6.2):

Class R - Resin impregnated (tape and webbing)
Class L - Latex impregnated (webbing only).

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 documents cited in Sections 3 and 4 of this specification, whether or not they are listed.

2.2 Government documents.

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/.)

2.2.1 Military.

MIL-W-17337 - Webbing, Textile, Woven Nylon

2.3 Non-Government publications. The following document(s) form a part of this document (see 2.4).

AMERICAN SOCIETY FOR QUALITY (ASQ)

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

(Application for copies should be addressed to American Society For Quality, 600 North Plankinton Avenue, Milwaukee, WI 53203. Electronic copies may be obtained from www.asq.org.)

ASTM INTERNATIONAL (ASTM)

ASTM D 1388 - Standard Test Method for Stiffness of Fabrics
ASTM D 1776 - Standard Practice for Conditioning and Testing Textiles
ASTM D 1777 - Standard Test Method for Thickness of Textile Materials
ASTM D 3776 - Standard Test Method for Mass per Unit Area (Weight)
ASTM D 5427 - Standard Practice for Accelerated Aging of Inflatable Restraint Fabrics
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 16 - Colorfastness to Light
AATCC 61 - Colorfastness to Laundry, Home and Commercial: Accelerated
AATCC 81 - pH of Water-Extract from Bleached Textiles
AATCC Evaluation Procedures:

- 1 Gray Scale for Color Change
- 2 Gray Scale for Staining
- 8 AATCC 9 - Step Chromatic Transference Scale
- 9 Visual Assessment of Color Difference of Textiles

(Applications for copies of referenced documents should be addressed to AATCC National Headquarters, P.O. Box 12215, Research Triangle Park, NC 27709-2215. Electronic copies may be obtained from www.aatcc.org .)

PARACHUTE INDUSTRY ASSOCIATION (PIA)

PIA-TEST METHOD-4108 - Strength, and Elongation, Breaking; Textile Webbing, Tape and Braided Items
PIA-W-4088 - Webbing, Textile, Woven Nylon
PIA-T-5038 - Tape, Textile and Webbing, Textile, Reinforcing, Nylon

(Referenced documents can be obtained through the PIA website at: www.pia.com.)