



PIA-T-5038G
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Superseding
PIA-T-5038F
14 April 2009

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.

TAPE, TEXTILE AND WEBBING, TEXTILE, REINFORCING, 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 nylon reinforcing tape and webbing.

1.2 Classification. The tape and webbing shall be of the following Types, Classes and Widths as specified in TABLES I and II (see 6.2).

1.3 Type designation. The tape and webbing shall be of the following types as specified (see 6.2).

Type II	- Tape - Herringbone twill weave
Type III	- Tape - Plain weave
Type IV	- Webbing - Double plain weave
Type V	- Tape - Herringbone twill weave
Type VI	- Tape - Herringbone twill weave
Type VII	- Tape - Plain weave (Preshrunk)

1.4 Classes. The tape and webbing shall be furnished in the following Classes, as specified (see 6.2). Type VII is Shuttle loom only.

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

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

2. APPLICABLE DOCUMENTS

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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.

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 20580-001. 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 Avenue, Milwaukee, WI 53203. Electronic copies may also be obtained from www.access.gpo.gov/.)

ASTM INTERNATIONAL (ASTM)

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| ASTM D 276 | - Standard Test Methods for Identification of Fibers in Textiles |
| 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 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 Methods for Mass per Unit Area (Weight) of Fabrics |
| ASTM G 151 | - Standard Practice for Exposing Nonmetallic Materials in Accelerated Test Devices that Use Laboratory Light Sources |
| ASTM G 155 | - Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials |

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