Parachute Industry Association
COMMERCIAL SPECIFICATION®

PIA-T-5608C
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Superseding
PIA-T-5608B
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The following commercial specification is originally adopted from the military documents. 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.

TAPE, TEXTILE: WEBBING TEXTILE

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 five classes of nylon tapes used in the fabrication of canopies of ribbon parachutes.

1.2 Classification. The tapes shall be furnished in the various classes and types indicated in TABLE I, as specified (see 6.2).

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.

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 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)

ASTM D 276 - Standard Test Methods for Identification of Fibers in Textiles
ASTM D 737 - Standard Test Method for Air Permeability of Textile Fabrics
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 1907 - Standard Test Method for Linear Density of Yarn (Yarn Number) by the Skein Method
ASTM D 2256 - Standard Test Method for Tensile Properties of Yarns by the Single Strand 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)
ASTM D 5034 - Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)
ASTM D 5035 - Standard Test Method for Breaking Force and Elongation of Textile Fabrics (Strip Method)
ASTM D 6775 - Standard Test Method for Breaking Strength and Elongation of Textile Webbing, Tape and Braided Materials
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

(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