



PIA-W-38283B
01 December 2011

Superseding
PIA-W-38283A
28 August 2009

The following commercial specification is adopted from the military document. Initial and Revision A includes 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, ARAMID

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

1. SCOPE

1.1 Scope. This specification covers 14 types of aromatic polyamide webbing as specified in TABLE I.

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 publications form 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 be also obtained from www.access.gpo.gov/.)

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 the PIA Store at: www.pia.com.

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

AMERICAN ASSOCIATION OF TEXTILE CHEMISTS AND COLORISTS (AATCC)

AATCC 20 - Fiber Analysis: Qualitative

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

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.)

ASTM INTERNATIONAL (ASTM)

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 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 Fabric

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

PARACHUTE INDUSTRY ASSOCIATION (PIA)

PIA-TEST METHOD-4108 - STRENGTH AND ELONGATION, BREAKING;
TEXTILE WEBBING, TAPE AND BRAIDED
ITEMS

(Electronic copies may be obtained from www.pia.com.)

2.4 Order of precedence. Unless otherwise noted herein or in the contract, in the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

3. REQUIREMENTS

3.1 First article. When specified (see 6.1), a sample representative of the production quality shall be submitted for first article inspection in accordance with 4.2.