



PIA-T-38328B

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Superseding

PIA-T-38328A

28 September 2010

The following commercial specification is 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.

TAPE, TEXTILE, NYLON, AROMATIC, NONMELTING, REINFORCING

1. SCOPE

1.1 Scope. This specification establishes requirements for nine types of aromatic polyamide reinforcing tape.

1.2 Classification. The tape shall be of the following types specified (see 6.1):

Type I	- Unaged breaking strength of 400 lbs.
Type II	- Unaged breaking strength of 500 lbs.
Type III	- Unaged breaking strength of 1,000 lbs.
Type IV	- Unaged breaking strength of 1,500 lbs.
Type V	- Unaged breaking strength of 525 lbs.
Type VI	- Unaged breaking strength of 350 lbs.
Type VII	- Unaged breaking strength of 1,500 lbs.
Type VIII	- Unaged breaking strength of 2,000 lbs.
Type IX	- Unaged breaking strength of 3,000 lbs.

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 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 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 53206. 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 1059 - Standard Test Method for Yarn Number Based on Short-Length Specimens
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 Fabrics
ASTM D 3776 - Standard Test Method for Mass Per Unit Area (Weight) of Woven Fabric

(Application for copies should be addressed to the 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