



PIA-W-1100A

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Superseding

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Supersession (see 6.6)

The following commercial specification is an original Parachute Industry Association specification.

WEBBING, TEXTILE, NYLON TUBE EDGE

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 four types of untreated tubular edge nylon webbing used in the manufacture of load bearing systems.

1.2 Classification. The nylon tube edge webbing shall be furnished in the type specified in 6.2. The types shall conform to the requirements of TABLES I and II as applicable for the type specified.

1.3 Type Designation. The nylon webbing shall be of the following types as specified (see 6.2):

Type VII	-1 23/32" wide; 6000 pound min. breaking strength
Type XIII	-1 23/32" wide; 7000 pound min. breaking strength
Type XVII	-1" wide; 2500 pound min. breaking strength
Type XXVI	-1 3/4" wide; 15000 pound min. breaking strength.

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 to the extent specified herein.

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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 or may be obtained from www.access.gpo.gov/.)

2.3 Non-government publications. The following document(s) form a part of this document to the extent specified herein.

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 Plankinton Avenue, Milwaukee, WI 53203).

ASTM INTERNATIONAL (ASTM)

ASTM D 276 - Standard Test Methods for Identification of Fibers in Textiles
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 the 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 Fabric
ASTM D 6770 - Standard Test Method for Abrasion Resistance of Textile Webbing (Hex Bar Method)

(Application for copies should be addressed to ATM 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; Crockmeter Method
AATCC 16 - Colorfastness to Light
AATCC 20 - Fiber Analysis: Qualitative
AATCC 61 - Colorfastness to Laundering: Accelerated
AATCC 81 - pH of Water-Extract from Wet Processed Textiles
AATCC Evaluation Procedures:
- 1 Gray Scale for Color Change
- 2 Gray Scale for Staining