



PIA-W-9049B
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Superseding
PIA-W-9049A

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, NYLON, LOCKING LOOP

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 one type of nylon webbing furnished in cut pieces with integrally woven loops.

1.2 Classification. The webbing furnished in cut pieces shall be of the following classes, as specified (see 6.2):

- a. Class 1 - $2\text{-}3/4 \pm 1/8$ inch between outside loop ends (see FIGURE 1)
- b. Class 2 - $3\text{-}3/4 \pm 1/8$ inch between outside loop ends (see FIGURE 1)
- c. Class 3 - $6 \pm 3/16$ inch between outside loop ends (see FIGURE 1)

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

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(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 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.)

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 1907 - Standard Test Methods 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 Fabric
ASTM D 3776 - Standard Test Methods for Mass Per Unit Area (Weight) of Fabric
ASTM D 5035 - Standard Test Method for Breaking Force and Elongation of Textile Fabrics (Strip Method)

(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.)

AMERICAN ASSOCIATION OF TEXTILE CHEMISTS AND COLORISTS (AATCC)

AATCC 20 - Fiber Analysis: Qualitative
AATCC 20A - Fiber Analysis: Quantitative
AATCC 81 - pH of the Water-Extract from Wet Processed Textiles
AATCC 111 - Weather Resistance of Textiles: Exposure to Daylight and Weather
AATCC Evaluation Procedures:
- 1 Gray Scale for Color Change
- 2 Gray Scale for Staining
- 8 AATCC 9-Step Chromatic Transference Scale
- 9 Visual Assessment of Color Difference of Textiles