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Superseding
PIA-T-43618B
24 November 2008

The following commercial specification is originally 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. Revisions B and forward include changes adopted to reflect technology and design evolution.

TAPE, PRESSURE SENSITIVE, FOR MENDING NYLON PARACHUTE CANOPIES

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 document covers one type of mending tape for repairing small tears in nylon cargo parachute canopies. The tape is rip-stop nylon cloth, coated on one side with pressure sensitive adhesive which is protected with a removable liner.

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

AMERICAN ASSOCIATION OF TEXTILE CHEMISTS AND COLORISTS (AATCC)

AATCC 16, Option A - Colorfastness to Lightfastness
AATCC 107 - Colorfastness to Water
AATCC Evaluation Procedures:

- 1 Gray Scale for Color Change
- 2 Gray Scale for Staining
- 9 Visual Assessment of Color Difference of Textiles.

(Application for copies should be addressed to the AATCC National Headquarters, P.O. Box 12215, Research Triangle Park, NC 27719-2215. Electronic copies may be obtained from www.aatcc.org.)

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ASTM INTERNATIONAL (ASTM)

- ASTM D 276 - Standard Test Methods for Identification of Fibers in Textiles
- ASTM D 1776 - Standard Practice for Conditioning and Testing Textiles
- ASTM D 1974 - Standard Practice for Methods of Closing, Sealing and Reinforcing Fiberboard Boxes
- ASTM D 3611 - Standard Practice for Accelerated Aging of Pressure Sensitive Tapes
- 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) of Fabric
- ASTM D 3951 - Standard Practice for Commercial Packaging
- ASTM D 5035 - Standard Test Methods for Breaking Force and Elongation of Textile Fabrics (Strip Method)
- ASTM D 5118 - Standard Practice for Fabrication of Fiberboard Shipping Boxes
- ASTM D 6251 - Standard Specification for Wood Cleated Panelboard Shipping Boxes

(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.)

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, Milwaukee, WI 53203.)

PARACHUTE INDUSTRY ASSOCIATION (PIA)

- PIA-C-7020 - CLOTH, PARACHUTE, NYLON-RIP STOP AND TWILL WEAVE

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

2.3 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 shall take 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, in the contract or purchase order, a sample shall be subjected to first article inspection (see 4.2, and 6.1).