

**PIA-C-2003A** 21 February 2013

Superseding PIA-C-2003 08 May 2008

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

#### CLOTH AND SHEETING POLYESTER AND COTTON BLEND

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 <u>Scope</u>. This specification covers dyed, unshrunk polyester and cotton blend 65/35 percent, or 50/50 percent commercial Designation No. 128 (muslin).

### 2. APPLICABLE DOCUMENTS

- 2.1 <u>General</u>. 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 nor is it 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 <u>Government publications</u>. The following other government publications form a part of this document.

# FEDERAL STANDARDS

FED-STD-4 - Glossary of Fabric Imperfections

(Unless otherwise indicated, copies of the above specifications and standards are available from the Standardization Documents Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094. Electronic copies of Military and Federal standards and specifications may be obtained from <a href="https://assist.daps.dla.mil/quicksearch/">https://assist.daps.dla.mil/quicksearch/</a>.)

## FEDERAL TRADE COMMISSION (FTC)

16 CFR 303 - Rules and Regulations Under the Textile Fiber Products Identification Act

(Copies are available online at: <a href="www.ftc.gov">www.ftc.gov</a> or from the Federal Trade Commission, 600 Pennsylvania Avenue, N.W. Washington, DC 20580-0001. Electronic copies may be obtained from <a href="http://www.access.gpo.gov/">http://www.access.gpo.gov/</a>.)

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#### PIA-C-2003A

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

## AMERICAN ASSOCIATION OF TEXTILE COLORISTS AND CHEMISTS (AATCC)

AATCC 8 - Colorfastness to Crocking; Crockmeter Method

AATCC 16 - Colorfastness to Light

AATCC 20A - Fiber Analysis: Quantitative

AATCC 61 - Colorfastness to Laundering: Accelerated

AATCC 81 - pH of the Water-Extract from Wet Processed Textiles

**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

(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 <a href="https://www.aatcc.org">www.aatcc.org</a>.)

## ASTM INTERNATIONAL (ASTM)

ASTM D 737 - Standard Test Method for Air Permeability of Textile Fabrics

ASTM D 1424 - Standard Test Method for Tearing Strength of Fabrics by the

Falling-Pendulum (Elmendorf-Type) Apparatus

ASTM D 1776 - Standard Practice for Conditioning Textiles for Testing

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

**Fabrics** 

ASTM D 5034 - Standard Test Method for Breaking Strength and Elongation of

Textile Fabrics (Grab Test)

(Application for copies should be addressed to the ASTM International, 100 Barr Harbor Drive, West Conshohoken, PA 19428-2959. Electronic copies may be obtained from <a href="https://www.astm.org">www.astm.org</a>.)

### AMERICAN SOCIETY FOR QUALITY (ASQ)

ANSI/ASQ Z1.4 - Sampling procedures and Tables for Inspection by Attributes

(Copies are available online at: <a href="www.asq.org">www.asq.org</a> or American Society for Quality, 600 North Plankinton, Milwaukee, WI 53203.

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 take precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.