



Standard Performance Specification for Woven Flat Lining Fabrics for Men's and Boys' Apparel¹

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1. Scope

1.1 This performance specification covers woven flat lining fabrics composed of any textile fiber or mixture of textile fibers for men's and boys' apparel.

1.2 This performance specification is not applicable to woven pile, woven fusible, fire-bonded fusible, sliver-knit pile, and sheepskin lining fabrics.

1.3 These requirements apply to the length and width directions for those properties where fabric direction is pertinent.

1.4 The following safety hazards caveat pertains only to the test method described in this specification: *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 ASTM Standards:

- D 123 Terminology Relating to Textiles²
- D 434 Test Method for Resistance to Slippage of Yarns in Woven Fabrics Using a Standard Seam²
- D 1336 Test Method for Distortion of Yarn in Woven Fabrics²
- D 1424 Test Method for Tear Resistance of Woven Fabrics by Falling-Pendulum (Elmendorf) Apparatus²
- D 5034 Test Method for Breaking Force and Elongation of Textile Fabrics (Grab Test)³
- D 2261 Test Method for Tearing Strength of Woven Fabrics by the Tongue (Single-Rip) Method (Constant-Rate-of-Extension Tensile Testing Machine)²
- D 2262 Test Method for Tearing Strength of Woven Fabrics by the Tongue (Single Rip) Method (Constant-Rate-of-Traverse Tensile Testing Machine)²

D 2724 Test Methods for Bonded, Fused, and Laminated Apparel Fabrics²

D 2905 Practice for Statements on Number of Specimens for Textiles²

2.2 AATCC Test Methods:⁴

- 8 Colorfastness to Crocking: AATCC Crockmeter Method
 - 15 Colorfastness to Perspiration
 - 16 Colorfastness to Light³
 - 23 Colorfastness to Burnt Gas Fumes³
 - 61 Colorfastness to Washing, Domestic, and Laundering, Commercial: Accelerated
 - 96 Dimensional Changes in Laundering of Woven and Knitted Textiles Except Wool
 - 116 Colorfastness to Crocking: Rotary Vertical Crockmeter Method
 - 124 Appearance of Durable Press Fabrics after Repeated Home Launderings
 - 132 Colorfastness to Drycleaning
 - 135 Dimensional Changes in Automatic Home Laundering of Durable Press Woven or Knit Fabrics
 - 172 Colorfastness to Non-Chlorine Bleach in Home Laundering
 - 188 Colorfastness to Chlorine Bleach in Home Laundering Evaluation Procedure 1 Gray Scale for Color Change Evaluation Procedure 2 Gray Scale for Staining Evaluation Procedure 3 AATCC Chromatic Transference Scale
- #### 2.3 Federal Standards:
- 16 CFR 1610 Standard for Flammability of Clothing Textiles⁵
 - 16 CFR Chapter II—Consumer Product Safety Commission, Subchapter D-Flammable Fabrics Act Regulations⁵
- #### 2.4 Military Standard:
- MIL-STD-105D Sampling Procedures and Tables for Inspection by Attributes⁶

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² Annual Book of ASTM Standards, Vol 07.01.

³ Annual Book of ASTM Standards, Vol 07.02.

⁴ Available from the American Association of Textile Chemists and Colorists, P.O. Box 12215, Research Triangle Park, NC 27709.

⁵ Available from Superintendent of Documents, Government Printing Office, Washington, DC 20402.

⁶ Available from Standardization Documents Order Desk, Bldg. 4 Section D, 700 Robbins Ave., Philadelphia, PA 19111-5094, Attn: NPODS.