



Designation: D4235 – 20

# Standard Performance Specification for Women's and Girls' Knitted Blouse and Dress Fabrics<sup>1</sup>

This standard is issued under the fixed designation D4235; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon ( $\epsilon$ ) indicates an editorial change since the last revision or reapproval.

## 1. Scope

1.1 This performance specification covers knitted fabrics comprised of any textile fiber or mixture of fibers, used in women's and girls' blouses and dresses women's and girls' knitted blouse and dress fabrics composed of any fiber or mixture of textile fibers.

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

1.3 *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, health, and environmental practices and determine the applicability of regulatory limitations prior to use.*

1.4 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

## 2. Referenced Documents

- 2.1 *ASTM Standards:*<sup>2</sup>
- D123 Terminology Relating to Textiles
  - D2594 Test Method for Stretch Properties of Knitted Fabrics Having Low Power
  - D2724 Test Method for Bond Strength of Bonded, Fused, and Laminated Apparel Fabrics
  - D3786 Test Method for Bursting Strength of Textile Fabrics—Diaphragm Bursting Strength Tester Method
  - D3787 Test Method for Bursting Strength of Textiles—Constant-Rate-of-Traversal (CRT) Ball Burst Test
  - D7022 Terminology Relating to Apparel

<sup>1</sup> This performance specification is under the jurisdiction of ASTM Committee D13 on Textiles and is the direct responsibility of Subcommittee D13.61 on Apparel.

Current edition approved Feb. 1, 2020. Published March 2020. Originally approved in 1983. Last previous edition approved in 2008 as D4253 – 01 (2008) which was withdrawn January 2017 and reinstated in February 2020. DOI: 10.1520/D4235-20.

<sup>2</sup> For referenced ASTM standards, visit the ASTM website, [www.astm.org](http://www.astm.org), or contact ASTM Customer Service at [service@astm.org](mailto:service@astm.org). For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

## 2.2 *AATCC Methods:*<sup>3</sup>

- TM8 Colorfastness to Crocking: Crockmeter Method
- TM15 Colorfastness to Perspiration
- TM16.3 Colorfastness to Light: Xenon-Arc
- TM23 Colorfastness to Burnt Gas Fumes
- TM61 Colorfastness to Laundering: Accelerated
- TM116 Colorfastness to Crocking: Rotary Vertical Crockmeter Method
- TM124 Smoothness Appearance of Fabrics after Home Laundering
- TM132 Colorfastness to Drycleaning
- TM135 Dimensional Changes of Fabrics after Home Laundering
- TM172 Colorfastness to Powdered Non-Chlorine Bleach in Home Laundering
- TM188 Colorfastness to Sodium Hypochlorite Bleach in Home Laundering
- EP1 Gray Scale for Color Change
- EP2 Gray Scale for Staining
- EP8 AATCC 9-Step Chromatic Transference Scale

## 2.3 *Federal Standard:*<sup>4</sup>

- 16 CFR 1610, Chapter II-Consumer Product Safety Commission Subchapter D-Flammable Fabrics Act Regulations

## 2.4 *Military Standard:*<sup>5</sup>

- MIL-STD-105D Sampling Procedures and Tables for Inspection by Attributes

NOTE 1—Reference to test methods in this standard give only the permanent part of the designation of ASTM, AATCC, or other test methods. The current editions of each test method cited shall prevail.

## 3. Terminology

3.1 For all terminology related to Apparel, see Terminology D7022.

3.1.1 The following terms are relevant to this standard: sheer.

<sup>3</sup> Available from American Association of Textile Chemists and Colorists (AATCC), P.O. Box 12215, Research Triangle Park, NC 27709, <http://www.aatcc.org>.

<sup>4</sup> Available from U.S. Government Printing Office, Superintendent of Documents, 732 N. Capitol St., NW, Washington, DC 20401-0001, <http://www.access.gpo.gov>.

<sup>5</sup> Available from Standardization Documents Order Desk, Bldg. 4 Section D, 700 Robbins Ave., Philadelphia, PA 19111-5094, Attn: NPODS.