



Designation: D 3785 – 02

## Standard Performance Specification for Woven Necktie and Scarf Fabrics<sup>1</sup>

This standard is issued under the fixed designation D 3785; 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 approval. A superscript epsilon ( $\epsilon$ ) indicates an editorial change since the last revision or reapproval.

### 1. Scope

1.1 This performance specification covers woven necktie and scarf fabrics composed of any textile fiber or mixture of textile fibers.

1.2 This performance specification is not applicable to woven fabrics used for interlinings.

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

1.4 The following precautionary caveat pertains only to the test methods portion, Section 7, of 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:<sup>2</sup>

- D 123 Terminology Relating to Textiles
- D 434 Test Method for Resistance to Slippage of Yarns in Woven Fabrics Using a Standard Seam
- D 1336 Test Method for Distortion of Yarn in Woven Fabrics
- D 1424 Test Method for Tear Resistance of Woven Fabrics by Falling-Pendulum (Elmendorf) Apparatus
- D 1682 Test Methods for Breaking Load and Elongation of Textile Fabrics
- D 2262 Test Method for Tearing Strength of Woven Fabrics by the Tongue (Single Rip) Method (Constant-Rate-of-Traverse Tensile Testing Machine)
- D 2724 Test Methods for Bonded, Fused, and Laminated Apparel Fabrics
- D 2905 Practice for Statements on Number of Specimens for Textiles

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

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<sup>2</sup> For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at 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>

- 8-1974 Colorfastness to Crocking: AATCC Crockmeter Method
- 15-1976 Colorfastness to Perspiration
- 16-1974 Colorfastness to Light
- 23-1975 Colorfastness to Burnt Gas Fumes
- 61-1975 Colorfastness to Washing, Domestic, and Laundering, Commercial: Accelerated
- 96-1975 Dimensional Changes in Laundering of Woven and Knitted Textiles Except Wool
- 116-1974 Colorfastness to Crocking: Rotary Vertical Crockmeter Method
- 124-1975 Appearance of Durable Press Fabrics After Repeated Home Launderings
- 132-1976 Colorfastness to Drycleaning
- 135-1973 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 Sodium Hypochlorite 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

NOTE 1—Reference to test methods in this specification 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 Definitions:

3.1.1 *scarf*—*in apparel*, an oblong or square piece of cloth worn for warmth or as a decorative item.

3.2 For definitions of textile terms used in this specification, refer to Terminology D 123 and the Technical Manual of the American Association of Textile Chemists and Colorists.<sup>3</sup>

### 4. Specification Requirements

4.1 The properties of fabrics for woven neckties and scarfs shall conform to the specification requirements in Table 1.

<sup>3</sup> Available from the American Association of Textile Chemists and Colorists, P. O. Box 12215, Research Triangle Park, NC 27709.