



Designation: D7268 – 06

# Standard Performance Specification for Seamless Knit Garments Including Intimates and Swimwear<sup>1</sup>

This standard is issued under the fixed designation D7268; 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 specification covers the evaluation of specific performance characteristics of importance in seamless knit garments, including camisoles, panties, slips, girdles and swimwear.

1.2 The following safety hazards caveat pertains only to the test methods described in this performance 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 (See Note 1)

2.1 *ASTM Standards*:<sup>2</sup>

- D123 Terminology Relating to Textiles
- D629 Test Methods for Quantitative Analysis of Textiles
- D1230 Test Method for Flammability of Apparel Textiles
- D2905 Practice for Statements on Number of Specimens for Textiles<sup>3</sup>
- D3107 Test Methods for Stretch Properties of Fabrics Woven from Stretch Yarns
- D3136 Terminology Relating to Care Labeling for Apparel, Textile, Home Furnishing, and Leather Products
- 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

2.2 *AATCC Test Methods*:<sup>4</sup>

- 8 Colorfastness to Crocking: AATCC Crockmeter Method
- 15 Colorfastness to Perspiration
- 16 Colorfastness to Light
- 20 Fiber Analysis: Qualitative

20 A Fiber Analysis: Quantitative

61 Colorfastness to Laundering, Home and Commercial: Accelerated

106 Colorfastness to Water: Sea

107 Colorfastness to Water

116 Colorfastness to Crocking: Rotary Vertical Crockmeter Method

132 Colorfastness to Drycleaning

150 Dimensional Changes in Automatic Home Laundering of Garments

158 Dimensional Changes on Drycleaning in Perchloroethylene: Machine Method

162 Colorfastness to Water: Chlorinated Pool

172 Colorfastness to Non-Chlorine Bleach in Home Laundering

179 Skewness Change in Fabric and Garment Twist Resulting from Automatic 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 8 9-Step Chromatic Transference Scale

Glossary for AATCC Standard Terminology

AATCC-ASTM TS-001 Quick Methods for Colorfastness to Chlorine and Non-Chlorine Bleach

NOTE 1—AATCC-ASTM TS-001 contains quick test methods for color change from chlorine and non-chlorine bleach. The methods have not been validated for verified. In case of dispute use AATCC 172 and/or 188 for bleach test results.

2.3 *Federal Standards*:<sup>5</sup>

16 CFR 1610 Flammable Fabrics Act

NOTE 2—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 For definitions of textile terms used in this performance specification refer to Terminology, D123 and the AATCC Glossary. For definitions of care labeling terms refer to Terminology D3136.

<sup>5</sup> Available from Superintendent of Documents, Government Printing Office, Washington, DC 20402.

<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.

<sup>3</sup> Withdrawn. The last approved version of this historical standard is referenced on www.astm.org.

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