



## Designation: D5378 – 12 (Reapproved 2019)

# Standard Performance Specification for Woven and Knitted Shower Curtains for Institutional and Household Use<sup>1</sup>

This standard is issued under the fixed designation D5378; 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 woven and knitted shower curtains for use in institutional and household environments.

1.2 This specification may be used by mutual agreement between purchaser and supplier to establish purchasing specification requirements.

1.3 The requirements in [Table 1](#) apply to the length and width directions for those properties where fabric direction is pertinent.

1.4 This specification is not applicable for coated, laminated or vinyl product.

1.5 *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.*

1.6 *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](#)

[D2905 Practice for Statements on Number of Specimens for Textiles](#) (Withdrawn 2008)<sup>3</sup>

<sup>1</sup> This performance specification is under the jurisdiction of ASTM Committee D13 on Textiles and is the direct responsibility of Subcommittee D13.63 on Home Furnishings.

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<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.

<sup>3</sup> The last approved version of this historical standard is referenced on [www.astm.org](http://www.astm.org).

[D3786 Test Method for Bursting Strength of Textile](#)

[Fabrics—Diaphragm Bursting Strength Tester Method](#)

[D5034 Test Method for Breaking Strength and Elongation of](#)

[Textile Fabrics \(Grab Test\)](#)

[D6797 Test Method for Bursting Strength of Fabrics](#)

[Constant-Rate-of-Extension \(CRE\) Ball Burst Test](#)

[D7023 Terminology Relating to Home Furnishings](#)

### 2.2 AATCC Standards:<sup>4</sup>

[TM8 Colorfastness to Crocking: Crockmeter Method](#)

[TM16.2 Colorfastness to Light: Carbon-Arc](#)

[TM16.3 Colorfastness to Light: Xenon-Arc](#)

[TM35 Water Resistance: Rain Test](#)

[TM61 Colorfastness to Laundering: Accelerated](#)

[TM135 Dimensional Changes of Fabrics after Home Laundering](#)

[TM96 Dimensional Changes in Commercial Laundering of](#)

[Woven and Knitted Fabrics Except Wool](#)

[TM116 Colorfastness to Crocking: Rotary Vertical Crock-](#)

[meter Method](#)

[TM179 Skew Change in Fabrics After Home Laundering](#)

[EP1 Gray Scale for Color Change](#)

[EP2 Gray Scale for Staining](#)

[EP8 Chromatic Transference Scale, 9-Step](#)

NOTE 1—Reference to documents in this performance specification give only the pertinent part of the designation of ASTM, AATCC or other test methods or standards. The current edition of each test method shall prevail.

## 3. Terminology

### 3.1 Definitions:

3.1.1 For all terminology related to Home Furnishings see Terminology [D7023](#).

3.1.2 The following terms are relevant to this standard: knitted fabric, shower curtain, woven fabric.

3.1.3 For definitions of all other textile terms see Terminology [D123](#).

<sup>4</sup> Available from American Association of Textile Chemists and Colorists (AATCC), P.O. Box 12215, Research Triangle Park, NC 27709-2215, <http://www.aatcc.org>.