



Designation: D5378 – 12

Standard Performance Specification for Woven and Knitted Shower Curtains for Institutional and Household Use¹

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 (ϵ) 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 and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

- 2.1 *ASTM Standards:*²
- D123 Terminology Relating to Textiles
 - D1776 Practice for Conditioning and Testing Textiles
 - D2905 Practice for Statements on Number of Specimens for Textiles (Withdrawn 2008)³
 - 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

¹ 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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² 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.

³ The last approved version of this historical standard is referenced on www.astm.org.

- 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 Methods:*⁴
 - 8 Colorfastness to Crocking: Crockmeter Method
 - 16 Option 1 Colorfastness to Light: Carbon Arc Lamp Continuous Light
 - 16 Option 3 Colorfastness to Light: Xenon-Arc, Continuous Light
 - 35 Water Resistance: Rain Test
 - 61 Colorfastness to Laundering: Accelerated
 - 88B Smoothness of Seams in Fabrics after Repeated Home Laundering
 - 135 Dimensional Changes in Automatic Home Laundering of Woven or Knitted Fabrics
 - 96 Dimensional Changes in Commercial Laundering of Woven and Knitted Fabrics Except Wool
 - 116 Colorfastness to Crocking: Rotary Vertical Crockmeter Method
 - 143 Appearance of Apparel and Other Textile End Use Products After Repeated Home Launderings
 - 179 Skewness Change in Fabric and Garment Twist Resulting from Automatic Home Laundering
 - Evaluation Procedure 1 Gray Scale for Color Change
 - Evaluation Procedure 2 Gray Scale for Staining
 - Evaluation Procedure 8 AATCC 9-Step Chromatic Transference Scale

NOTE 1—Reference to test methods in this performance specification give only the pertinent part of the designation of ASTM, AATCC or other test methods. 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.

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