



Standard Performance Specification for WOVEN INSTITUTIONAL DISH, HUCK, AND TERRY BATH TOWEL FABRICS¹

This standard is issued under the fixed designation D 4152; 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 performance specification covers woven dish, huck and terry bath towel fabrics as used in hotels, hospitals, industrial and other institutional establishments.

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

1.3 These requirements are not applicable to woven terry fabrics used for apparel.

2. Applicable Documents

2.1 *ASTM Standards*:

D 123 Definitions of Terms Relating to Textiles^{2,3}

D 1682 Tests for Breaking Load and Elongation of Textile Fabrics²

D 2905 Practice for Statements on Number of Specimens Required to Determine the Average Quality of a Textile Material²

2.2 *AATCC Methods*:⁴

8-1977 Colorfastness to Crocking: AATCC Crockmeter Method

16A-1977 Colorfastness to Light: Carbon-Arc Lamp, Continuous Light

16E-1978 Colorfastness to Light: Water-Cooled Xenon-Arc Lamp, Continuous Light

61-1980 Colorfastness to Washing, Domestic, and Laundering, Commercial: Accelerated

96-1980 Dimensional Changes in Laundering of Woven and Knitted Textiles Except Wool

97-1978 Noncotton Content of Bleached Cotton Textiles

116-1977 Colorfastness to Crocking: Rotary Vertical Crockmeter Method

Evaluation Procedure 1 Gray Scale for Color Change

Evaluation Procedure 2 Gray Scale for Staining

Evaluation Procedure 3 AATCC Chromatic Transference Scale

NOTE 1—The specific dated editions of the ASTM test methods that prevail in this document are referenced in Section 7.

3. Definitions

3.1 For definitions of textile terms used in this specification, refer to the individual ASTM and AATCC test methods and to Definitions D 123.

4. Uses and Significance

4.1 Upon mutual agreement between the purchaser and the seller, fabrics intended for this end use should meet all of the requirements listed in Table 1 of this specification.

4.2 It is recognized that for purposes of fashion or aesthetics the ultimate consumer of articles made from these fabrics may find acceptable fabrics that do not conform to all of the requirements in Table 1. Therefore, one or more of the requirements listed in Table 1 may be modified by mutual agreement between the purchaser and the seller.

¹ This specification is under the jurisdiction of ASTM Committee D-13 on Textiles and is the direct responsibility of Subcommittee D 13.56 on Performance Standards for Textile Fabrics.

Current edition approved Oct. 1, 1982. Published October 1982.

² *Annual Book of ASTM Standards*, Part 32.

³ *Annual Book of ASTM Standards*, Part 33.

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