



Standard Practice for Evaluation of Launderable Woven Dress Shirts and Sports Shirts¹

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1. Scope

1.1 This practice covers the evaluation of specific characteristics of importance in launderable woven dress shirts and sport shirts.

1.2 Any launderable woven dress shirt or sport shirt may be evaluated using this practice, but it shall not be construed to be a standard of performance.

1.3 This practice may be used by mutual agreement between the purchaser and supplier to establish purchasing specifications.

1.4 This practice is not intended to be used in the evaluation of woven dress shirts or sport shirts when drycleaned or hand-washed.

2. Referenced Documents

2.1 ASTM Standards:

D 123 Terminology Relating to Textiles²

D 1683 Test Method for Failure in Sewn Seams of Woven Fabrics³

D 1776 Practice for Conditioning Textiles for Testing⁴

D 3136 Terminology Relating to Labels for Textile and Leather Products Other Than Textile Floor Coverings and Upholstery²

D 3477 Performance Specification for Men's and Boy's Woven Dress Shirt Fabrics⁴

D 3938 Guide for Determining or Confirming Care Instructions for Apparel and Other Textile Consumer Products⁴

D 4154 Performance Specification for Men's and Boys' Knitted and Woven Beachwear and Sports Shirt Fabrics⁴

2.2 AATCC Test Methods:

88B Appearance of Seams in Wash and Wear Items After Home Laundering⁵

143 Appearance of Apparel and Other Textile End Products After Repeated Home Launderings⁵

150 Dimensional Changes in Automatic Home Laundering of Garments⁵

172 Colorfastness to Non-Chlorine Bleach in Home Laundering⁵

188 Colorfastness to Chlorine Bleach in Home Laundering⁵
Evaluation Procedure 1⁵

Evaluation Procedure 2⁵

Evaluation Procedure 8⁵

Standardization of Home Laundry Test Conditions⁵

3. Terminology

3.1 *Definitions*—For definitions of textile terms used in this practice, refer to the individual ASTM Standards and AATCC Test Methods and to Terminology D 123.

3.2 Definitions of Terms Specific to This Standard:

3.2.1 *dress shirt, n*—a shirt designed to be worn with a tie and jacket and made with a specific collar size or numerical designation.

3.2.1.1 *Discussion*—For men's dress shirts, an additional size designation may be used to identify the sleeve length.

3.2.2 *sport shirt, n*—a shirt designed to be worn either informally or with a jacket, and which uses an alphabetical, numerical, or alphanumerical size designator.

4. Significance and Use

4.1 This practice may be used to evaluate pertinent performance characteristics of men's and boys' launderable woven dress shirts and sport shirts.

4.2 The characteristics to be evaluated and the acceptance criteria assigned to these areas shall be set by mutual agreement between purchaser and supplier.

4.3 The uses and significance of specific properties are discussed in the appropriate test methods and performance specifications.

5. Sampling, Selection, and Number of Specimens

5.1 *Primary Sampling Unit*—For the test methods used in this practice, consider boxes or other shipping containers to be the primary sampling unit.

5.2 *Laboratory Sampling Unit*—For the test methods used in this practice, take a minimum of two garments from each primary sampling unit to serve as both the laboratory sample and the test specimens.

6. Characteristics and Conditions

6.1 *Characteristics*—The characteristics to be evaluated

¹ This practice 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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² *Annual Book of ASTM Standards*, Vol 07.01.

³ Discontinued 1999, see 1998 *Annual Book of ASTM Standards*, Vol 07.01.

⁴ *Annual Book of ASTM Standards*, Vol 07.02.

⁵ *AATCC Technical Manual*, available from the American Association of Textile Chemists and Colorists, P.O. Box 12215, Research Triangle Park, NC 27709.