



Designation: D4852 – 18

Standard Practice for Evaluation of Attached Upholstery Fabrics¹

This standard is issued under the fixed designation D4852; 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 practice is to be used to evaluate specific characteristics of importance in the performance of upholstery fabric attached to a furniture unit, including woven, knitted, tufted, flocked, or vinyl fabrics.

1.2 It is understood that the fabric used to construct the upholstered furniture unit should be evaluated initially using appropriate fabric performance standards, such as Specifications [D3597](#) and [D3690](#).

1.3 Loose cushions or pillows considered an inherent part of the total furniture unit are to be evaluated using this practice.

1.4 This practice is not to be used to evaluate slipcovers or throws used as furniture coverings. Outdoor furniture coverings are not to be evaluated using this practice.

1.5 This practice shall not be construed to be a standard of performance but only as a standard practice for evaluation of attached upholstery fabrics.

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

1.7 *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.*

1.8 *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.*

¹ This practice 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. Referenced Documents

2.1 *ASTM Standards:*²

[D123 Terminology Relating to Textiles](#)

[D3597 Performance Specification for Woven Upholstery Fabrics—Plain, Tufted, or Flocked](#)

[D3690 Performance Specification for Vinyl-Coated and Urethane-Coated Upholstery Fabrics—Indoor \(Withdrawn 2018\)](#)³

[D4771 Performance Specification for Knitted Upholstery Fabrics for Indoor Furniture \(Withdrawn 2018\)](#)³

[D7023 Terminology Relating to Home Furnishings](#)

2.2 *AATCC Method:*

[AATCC Evaluation Procedure 1—Gray Scale for Color Change](#)⁴

2.3 *Other Documents:*

[Knit Upholstery Fabric Standards and Guidelines](#)⁵

[Woven Upholstery Fabric Standards and Guidelines](#)⁶

3. Terminology

3.1 For all terminology relating to [D13.63](#), Home Furnishings, refer to Terminology [D7023](#).

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.

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

⁵ Issued in 1982 by the Joint-Industry Fabric Standards Committee, sponsored by National Association of Furniture Manufacturers, California Furniture Manufacturers Association, Southern Furniture Manufacturers Association, Southwest Furniture Manufacturers Association, and Furniture Manufacturers Association of Grand Rapids. Available from American Furniture Manufacturers Association, P.O. Box HP-7, High Point, NC 27261.

⁶ Reissued in 1986 by the Joint-Industry Fabric Standards Committee including American Furniture Manufacturers Association, California Furniture Manufacturers Association, Furniture Manufacturers Association of Grand Rapids, Association of Western Furniture Suppliers, and Home Furnishings Manufacturers Association. Available from American Furniture Manufacturers Association, P.O. Box HP-7, High Point, NC 27261.