



Designation: D6322 – 24

Standard Guide to International Test Methods Associated with Textile Care Procedures¹

This standard is issued under the fixed designation D6322; 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 guide lists general home laundering and commercial drycleaning textile care procedures and the associated ASTM (American Society for Testing and Materials), AATCC (American Association of Textile Chemists and Colorists), and ISO (International Organization for Standardization) standards available for the testing and evaluation of textile products.

1.2 This guide identifies the national and international textile and apparel test methods available to manufacturers, retailers, importers, testing organizations and other related parties.

1.3 This guide provides a list of test methods that can be used by the reader to evaluate the properties of textiles and apparel during refurbishing, textile and apparel care instructions; and, textile and apparel care labels.

1.4 This guide is not intended to be used in the establishment of performance criteria, but as a guide for product development and purchasing contracts.

1.5 This guide is applicable to textile and apparel articles; excluding upholstery fabrics, mattresses, carpet, leather, fur, and yarns.

1.6 *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.*

1.7 *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 guide is under the jurisdiction of ASTM Committee D13 on Textiles and is the direct responsibility of Subcommittee D13.62 on Labeling.

Current edition approved Nov. 1, 2024. Published December 2024. Originally approved in 1998. Last previous edition approved in 2015 as D6322 – 15. DOI: 10.1520/D6322-24.

2. Referenced Documents

2.1 ASTM Standards:²

- D123 Terminology Relating to Textiles
- D3136 Terminology Relating to Care Labeling for Apparel, Textile, Home Furnishing, and Leather Products
- D3938 Guide for Determining or Confirming Care Instructions for Apparel and Other Textile Products
- D4720 Performance Specification for Soft Window Covering Fabrics for Household Use
- D4721 Practice for Evaluation of the Performance of Machine Washable and Drycleanable Bedcoverings and Accessories
- D5489 Guide for Care Symbols for Care Instructions on Textile Products

2.2 AATCC Standards:³

- EP1 Evaluation Procedure for Gray Scale for Color Change
- EP2 Evaluation Procedure for Gray Scale for Staining
- EP7 Evaluation Procedure for Instrumental Assessment of the Change in Color of a Test Specimen
- EP8 Evaluation Procedure for AATCC 9-Step Chromatic Transference Scale
- EP12 Evaluation Procedure for Instrumental Assessment of Degree of Staining
- LP1 Laboratory Procedure for Home Laundering Machine Washing
- LP2 Laboratory Procedure for Home Laundering: Hand Laundering
- M1 Standard Reference Detergent and Laundry Detergents in General
- M3 High Efficiency Washers in North America
- M7 Standard Laboratory Practice for Home Laundering Fabrics Prior to Flammability Testing to Differentiate Between Durable and Non-Durable Finishes
- M11 A Glossary of AATCC Standard Terminology

² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at www.astm.org/contact. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

³ *Annual AATCC Technical Manual*, available from the American Association of Textile Chemists and Colorists (AATCC), P.O. Box 12215, Research Triangle Park, NC 27709, <http://www.aatcc.org>.