



Standard Practice for Evaluation of the Performance of Machine Washable and Drycleanable Bedcoverings and Accessories¹

This standard is issued under the fixed designation D 4721; 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 may be used to evaluate specific characteristics of importance in the performance of bedcoverings and accessories (machine washable or drycleanable, woven and knit) including bedspreads, comforters, quilts, pillowshams, dust ruffles, and blankets, hereinafter referred to collectively as bedcoverings.

1.2 This practice is not to be used to evaluate bedcoverings that are refurbished by handwashing.

1.3 This practice shall not be construed to be a standard of performance for bedcoverings.

1.4 This practice shall not be used to evaluate sheets.

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

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

2. Referenced Documents

2.1 ASTM Standards:

D 123 Terminology Relating to Textiles²

D 1683 Test Method for Failure in Sewn Seams of Woven Fabrics²

D 1776 Practice for Conditioning Textiles for Testing²

D 3136 Terminology for Permanent Care Labels for Consumer Textile and Leather Products Other Than Carpet and Upholstery²

D 3773 Test Methods for Length of Woven Fabric³

D 3940 Test Method for Bursting Strength (Load) and Elongation of Sewn Seams of Knit or Woven Stretch Textile Fabrics³

D 3993 Performance Specification for Woven, Thermal, Flocked, Nonwoven, and Knitted Household Blanket Fabrics³

D 4037 Performance Specification for Woven, Knitted, or Flocked Bedspread Fabrics³

¹ This practice is under the jurisdiction of ASTM Committee D-13 on Textiles and is the direct responsibility of Subcommittee D13.63 on Home Furnishings.

Current edition approved June 30, 1989. Published August 1989. Originally published as D 4721 – 87. Last previous edition D 4721 – 87.

² Annual Book of ASTM Standards, Vol 07.01.

³ Annual Book of ASTM Standards, Vol 07.02.

2.2 AATCC Methods:⁴

AATCC Evaluation Procedure 1

AATCC 88B Appearance of Seams in Durable Press Items After Repeated Home Laundering

AATCC 96 Dimensional Changes in Laundering of Woven and Knitted Fabrics Except Wool

AATCC 135 Dimensional Changes in Automatic Home Laundering of Woven and Knit Fabrics

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

AATCC 158 Dimensional Changes on Drycleaning in Perchloroethylene: Machine Method

3. Terminology

3.1 Definitions:

3.1.1 *bedcovering, n*—a textile product used on a bed over the sheets for warmth or decoration.

3.1.2 *bedspread, n*—a type of bedcovering that is placed over the blankets and sheets for appearance and warmth.

3.1.3 *blanket, n—for bedding*, an unquilted fabric covering designed primarily to provide thermal insulation.

3.1.3.1 *Discussion*—Blankets may be made by any textile process from various types of fibers and may or may not have a raised fiber surface.

3.1.4 *comforter, n*—a bedcovering assembly, consisting of an insulating filler secured between two layers of fabric, used primarily to reduce heat loss.

3.1.5 *drop, n*—that part of a bedcovering that hangs perpendicular to the floor.

3.1.5.1 *Discussion*—For bedspreads, drop is measured from the top of the mattress to the bottom of the spread. For dust ruffles, drop is measured from the top of the box spring to the bottom of the ruffle.

3.1.6 *dust ruffle, n*—a fabric which (1) lies flat over the box spring under the mattress on a bed and (2) has a pleated, tucked, or gathered drop to the floor.

3.1.7 *founce, n*—a ruffled drop on a bedcovering.

3.1.8 *quilt, n*—a bedcovering assembly used primarily for warmth, consisting of an insulating filler secured between two layers of fabric, but generally lighter in weight and thinner than a comforter.

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