



Designation: D6664 – 01

Standard Specification for Woven, Knitted and Flocked Bedspread Products for Institutional and Household Use¹

This standard is issued under the fixed designation D6664; 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 specification covers the evaluation of specific performance characteristics of importance in woven, knit and flocked bedspread products for use in institutional and household environments.

1.2 The following safety hazards caveat pertains only to the test methods described in this specification: *This standard may involve hazardous materials, operations, and equipment. 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:²

D123 Terminology Relating to Textiles

D1230 Test Method for Flammability of Apparel Textiles

D1776 Practice for Conditioning and Testing Textiles

D2905 Practice for Statements on Number of Specimens for Textiles³

D3136 Terminology Relating to Care Labeling for Apparel, Textile, Home Furnishing, and Leather Products

D3512 Test Method for Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Random Tumble Pilling Tester

D3786 Test Method for Bursting Strength of Textile Fabrics—Diaphragm Bursting Strength Tester Method

D3787 Test Method for Bursting Strength of Textiles—Constant-Rate-of-Traverse (CRT) Ball Burst Test

D3882 Test Method for Bow and Skew in Woven and Knitted Fabrics

D5034 Test Method for Breaking Strength and Elongation

of Textile Fabrics (Grab Test)

2.2 AATCC Standards:⁴

Test Method 8 Colorfastness to Crocking: AATCC Crockmeter Method

Test Method 15 Colorfastness to Perspiration

Test Method 16 Colorfastness to Light

Test Method 61 Colorfastness to Laundering, Home and Commercial: Accelerated

Test Method 88B Appearance of Seams in Durable Press Items After Repeated Home Launderings

Test Method 96 Dimensional Changes in Commercial Laundering of Woven and Knitted Fabrics Except Wool

Test Method 116 Colorfastness to Crocking: Rotary Vertical Crockmeter Method

Test Method 124 Appearance of Fabrics After Repeated Home Laundering

Test Method 132 Colorfastness to Drycleaning

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

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

Evaluation Procedure 1 Gray Scale for Color Change

Evaluation Procedure 2 Gray Scale for Staining

Evaluation Procedure 3 AATCC Chromatic Transference Scale

2.3 Other Documents:

Glossary for AATCC Standard Terminology⁵

NOTE 1—Reference to test methods in this performance specification give only the pertinent part of the designation of ASTM, AATCC, or other test methods. The current edition of each test method shall prevail.

3. Terminology

3.1 Definitions:

3.1.1 For definitions of other textile terms used in this performance specification, refer to Terminology D123 and the AATCC Glossary. For definitions of care labeling terms, refer to Terminology D3136.

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

¹ This specification 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 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 Withdrawn. The last approved version of this historical standard is referenced on www.astm.org.

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

⁵ Available in the AATCC Technical Manual.

3.1.3 *tailored bedspread, n*—a bedcovering sewn to fit the corner contours of the mattress.

3.1.4 *throw bedspread, n*—a bedcovering made to drape on the bed that reaches to or near the floor, and which is not sewn to fit the corner contour of the mattress.

4. Significance and Use

4.1 Upon mutual agreement between the purchaser and the supplier, bedspread products 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 products that do not conform to all of the requirements in **Table 1**. Therefore, one or more of the requirements in **Table 1** may be modified by mutual agreement between the purchaser and the supplier.

4.2.1 In such cases, any references to the specification shall specify that: “This product meets ASTM Specification XXXX except for the following characteristic(s).”

4.3 Where no pre-purchase agreement has been reached between the purchaser and the supplier, and in case of controversy, the requirements listed in **Table 1** are intended to be used as a guide only. As noted in 4.2, ultimate consumer demands dictate varying performance parameters for any particular product.

4.4 The uses and significance of particular properties and test methods are discussed in the appropriate sections of the specified test methods.

5. Sampling

5.1 *Acceptance Testing Lot*—Unless agreed otherwise, consider as a lot for acceptance testing all material of a single item as a single shipment.

5.2 *Lot Samples and Laboratory Samples*—For acceptance testing, take lot samples and laboratory samples as directed in each of the applicable test methods.

5.3 *Specimens*—Take the number of specimens directed in each of the applicable test methods. Perform the tests on the product as it reaches the consumer. Any “partially finished” or “post-finish” fabrics should be processed in accordance with the fabric manufacturer’s instructions.

5.3.1 If the applicable, test method does not specify the number of specimens, use the procedures in Practice **D2905** to determine the number of specimens per laboratory sample unit.

5.3.2 Use a reliable estimate of the variability of individual observations on similar materials in the user’s laboratory, a 95 % probability level, and an allowable difference of 5 % of the average between the test results on laboratory sampling units and the average for the laboratory sampling unit.

TABLE 1 Specification Requirements

Characteristics	Requirements		Section
	Woven Bedspread	Knitted/Flocked Bedspread	
Breaking Force (CRT) Type Machine—Each Direction ^A	111 N (25 lbf) Min	NA	7.1.1
Bursting Strength ^A	NA	155 kPa (35 psi) Min	7.1.2
Pilling	4.0 Min	4.0 Min	7.1.3
Dimensional Change to:			7.1.4
Laundering and Drycleaning			
—Each Direction			
Tailored Type	3.5 % Max	5.0 % Max	
Throw Type	5.0 % Max	5.0 % Max	
Refurbishing			
Appearance (Fabric)			7.2.1
Polyester/Cotton	SA 3.0 Min ^B	SA 3.0 Min ^B	
100 % Cotton	SA 2.2 Min ^B	SA 2.2 Min ^B	
Bow and Skewness			7.1.6
Woven/Knitted	3.0 % Max	3.0 % Max	
Pattern Print	Acceptable	Acceptable	
Colorfastness to: ^B			
Laundering:			7.1.7.1
Alteration in Shade	Class 4 Min ^C	Class 4 Min ^C	
Staining	Class 3 Min ^D	Class 3 Min ^D	
Dry Cleaning (Shade Change)	Class 4 Min ^C	Class 4 Min ^C	7.1.7.2
Crocking			7.1.7.3
Dry	Class 4 Min ^D	Class 4 Min ^D	
Wet	Class 3 Min ^D	Class 3 Min ^D	
Light (20 AATCC FU)			7.1.7.4
Xenon-Arc ^A	Step 4 Min ^C	Step 4 Min ^C	
Perspiration			7.1.7.5
Alteration in Shade	Class 4 Min ^C	Class 4 Min ^C	
Staining	Class 3 Min ^D	Class 3 Min ^D	
Flammability	Class 1	Class 1	7.1.7.6
Refurbishing	Acceptable	Acceptable	7.2.1
Appearance (Product)			

^A There is more than one standard method that can be used to measure breaking force, bursting force, tear resistance, and lightfastness. These methods cannot be used interchangeably because there may be no overall correlation between them. See Notes 2-5.

^B Class in colorfastness and SA rating is based on a numerical scale of 5.0 for negligible color change, color transfer, or wrinkling to 1.0 for very severe color change, color transfer or wrinkling. The numerical rating in **Table 1** or higher is acceptable.

^C AATCC Gray Scale for Color Change.

^D AATCC Gray Scale for Staining.