



HOME FASHION
PRODUCTS ASSOCIATION

AMERICAN NATIONAL STANDARD

FOR

RESIDENTIAL BATH RUGS

SPONSOR

HOME FASHION PRODUCTS ASSOCIATION

AMERICAN NATIONAL STANDARD FOR
RESIDENTIAL BATH RUGS

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FOREWORD

This Voluntary Standard is a result of the collective efforts of members of the Home Fashion Products Association, Inc. who manufacture and market this product. Their mission was to identify the important product attributes and set reasonable levels of quality for Residential Bath Rugs. The group collected and reviewed test protocols used throughout the industry during their meetings and web conferences, and compiled this comprehensive document.

The resultant standard is meant to assure that all representations and claims made on the product, on the packaging, and in advertising are truthful, and in accordance with commonly accepted industry standards and the law. Performance tests and, where necessary, material and dimensional requirements have been established to ensure safety and stability to which the public is entitled. HFPA recognizes that errors will be found, items will become obsolete, and new products, methods and materials will be developed. With this in mind, the Association plans to update, correct and revise these Standards on a regular basis.

HFPA member company participants:

Mohawk Home
Shaw
Springs Global
Welspun USA

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1. SCOPE

This Standard establishes requirements for residential bath rugs including performance, yarn types, dimensional tolerances, chemical characteristics and labeling. Tests described in this Standard are performed under laboratory conditions by internationally recognized testing labs.

2. Definitions

2.1 **Fabric Weight:** Weight of rug fabric expressed in ounces per square yard, grams per piece, or grams per square meter.

2.2 **Fiber Content:** The type and amount of fiber(s) used in making a textile product. See the Textile Fiber Products Identification Act for additional information.

2.3 **Latex:** A compounded blend of natural and synthetic rubber that is applied in a liquid state to the primary backing of the bath rug. After curing and in a solid state, the latex assists with tuft bind strength and the skid resistance of the finished bath rug.

2.4 **Pile:** A surface of yarns that stand upright from a weave; can be cut or looped; "pile height" is used to describe the length of the loops that stand up from the weave.

2.5 **Tufted:** A sewing process in which multiple individual needles are fed from either a creel or beam, and where the individual needles stitch through a primary backing to create loops. With a "cut pile" construction, these loops are cut with a blade, and the finish is referred to as "cut pile". For a "loop pile" construction, the loops are left intact. "Cut and loop" finishes mix the two techniques.

2.6 **Warp:** Refers to yarns running in the length direction during the weaving process.

2.7 **Weft:** Refers to yarns running in the width during the weaving process. Also known as "fill". These terms are woven terms. For more detailed information on terms and products referred to in this standard, users should consult ASTM D123-07 Terminology Relating to Textiles.

3. GENERAL REQUIREMENTS

3.1 **Product Claims, Labeling and Packaging** shall comply with all applicable regulatory standards including those of the Federal Trade Commission, and the Textile Fiber Products Identification Act (Identification Act 15 U.S.C. § 70).

3.2 **Azo Dyes:** Due to possible toxicity, Azo Dyes shall not be permitted to be used in the manufacturing of rugs to this standard.

3.3 **Flammability Compliance** to 16 CFR 1630, 1631, or labeled as non-compliant.

3.4 **Compliance with this Standard:** To comply with this standard, products shall meet all of the requirements in Sections 3 and 4.

3.5 **Materials:** This Standard applies to bath rugs made from Bamboo, Cotton, Microdenier Polyester, Nylon, Olefin, Viscose, Modal, and Polyester.

3.6 **Construction Types:** This Standard covers tufted, woven, cut pile, and loop pile construction.

3.7 Reference Standards:

- AATCC 8/116 Dry and Wet Crocking
- AATCC 16 Colorfastness to Light
- AATCC 107 Colorfastness to Water
- AATCC 20/20A Fiber Content
- AATCC TS-001 Colorfastness to Chlorine and Non-chlorine Bleach
- AATCC 124-06 Appearance of Fabrics after Repeated Home Laundering
- AATCC 135/150 Dimensional Changes of Fabrics after Home Laundering
- AATCC 137 Rug Back Staining on Vinyl Tile
- ASTM D123-07 Standard Terminology Relating to Textiles
- ASTM D3990-08 Fabric Defects and Workmanship
- ASTM D1335-12 Standard Test Method For Tuft Bind Of Pile Yarn Floor Coverings
- ASTM F609-05 Modified Skid Resistance
- 16 CFR 1630, 1631 Flammability
- CPSD-HL-10056-MTHD Size Dimensions

4. PERFORMANCE REQUIREMENTS

Flammability Test: Test in accordance with 16 CFR 1630, 1631.

Requirements	
Pass (or flammability label required)	

Tuft Bind: A test to measure the pulling resistance of the fabric. Test in accordance with ASTM D1335.

Requirements (Minimum Class)	
Cut Pile	0.8 lbs
Loop	2.0 lbs

Crock Test: A measure of how much color will rub off a fabric onto another fabric or surface. Test in accordance with AATCC 8 for solid fabrics and AATCC 116 for prints.

Requirements (Minimum Class)	
Dry Crocking	4.0
Wet Crocking	3.0

Colorfastness to Chlorine and Non-Chlorine Bleach: Test in accordance with AATCC TS-001. Not applicable to cotton rugs. Applicable for chlorine bleach, only when colorfastness to chlorine bleach is specified on the care label (bleach safe).

Requirements (Minimum Class)	
4.0	

Colorfastness to Water: Test in accordance with AATCC 107. Not applicable to cotton rugs. Exclude stain test if care instructions indicate to wash separately.

Requirements (Minimum Class)	
4.0	

Colorfastness to Light: Simulates the amount of color loss seen when a fabric is exposed to light. Test in accordance with AATCC 16 option 3.

Requirements (Minimum Class)	
20 Hours	3.0

Fiber Content: Test in accordance with AATCC 20/20A.

Requirements	
Blends	±3% Tolerance As Required By FTC
Single Fiber	0% Tolerance

Size Dimensions: Test in accordance with CPSD-HL-10056-MTHD.

Requirements
Minus 3%/Plus 6%

Dimensional Changes to Launder: Evaluates changes in the length and width of a fabric specimen subjected to specified conditions listed in the sew-in label. Test in accordance with AATCC 135.

Requirements	
Full Latex Backed	Minus 2% maximum
All Others	Minus 5% maximum

Appearance after Launder: Test in accordance with ASTM D3990.

Requirements
No defects

Skid Resistance: Test in accordance with ASTM F609-05 Modified.

Requirements
.4u

Rug Back Staining on Vinyl Tile: Test in accordance with AATCC 137.

Requirements (Minimum Class)
4.0

5. PRODUCT CLAIMS

Performance claims such as “stain resistance”, shall be supported by data and or testing that meet FTC Truth in Advertising guidelines.