

Protocol 901-32

Rugs

Performance Test	Test Method	Requirement
Initial Package		
LABEL VERIFICATION		
PLEASE NOTE: THIS DOES NOT INCLUDE TERRY OR BATH MATS		
Label Review	Care Labeling 16 CFR 423 16 CFR 300/ 19 CFR 134 Textile Fiber Products Identification Act 16 CFR 303 Wool Products Labeling Act	Verify Information on TRF matches the label Fiber content, Care, Country of Origin, Manufacturers Registration Number, Wool Products Registration Number must meet Federal Standards If labeling or packaging is not attached to product, artwork must be provided
Tracking Label: Children's product: ALL ages	Consumer Product Safety Improvement Act of 2008 (CPSIA) SEC. 103	Refer to Kohl's Tracking Label Section in the Labeling Guideline Policy. Following information must be provided: Retailer's Name (Kohl's) Style Number/Name Factory Number Date (Month/Year)
Adult Tracking Label: <i>If space limitations exist, contact Kohl's Quality Assurance & Product Integrity teams to discuss minimum required information quality.assurance@kohls.com</i>	Kohl's Requirement	TO BE MARKED AS PASS/FAIL Can be included on packaging when necessary: Kohl's Assigned Factory Number Manufacture Date (Month/Year) UPC #
Packaging Review Actual packaging or artwork must be provided	FPLA/UPLR 16 CFR 500 & 19 CFR 134	Should be legibly marked with the following information and verified: <ul style="list-style-type: none"> • Distributor's name, trademark or other means of identification of the manufacturer or packer and address (City, State, Zip) • Product identification • Net quantity of the contents in terms of weight, measure or numerical count (metric & US standard) or a combination so as to give accurate information and facilitate value comparison by the consumer (if applicable) • Country of origin (if imported) • Product size (if applicable) Refer to Kohl's FPLA/UPLR guideline
Import Permit (For Natural Materials Only)	US Department of Agriculture Animal and Plant Health Inspection Service (APHIS), Plant Protection and Quarantine (PPQ)	Product shall not have prohibited materials present per US Department of Agriculture, Animal and Plant Health Inspection Service (APHIS), Plant Protection and Quarantine (PPQ) Documentation and/ or proper permit(s) for specific product shall be supplied along with Testing Request form and samples. Permit information may be found at: https://www.aphis.usda.gov/wps/portal/aphis/home/ It is the vendor's responsibility for the compliance to relevant requirements.
Performance Claims for Home Textile Products (1000)	Refer to Protocol 1000	All samples shall be reviewed against the requirements of the Performance Claims for Home Textile Products Protocol to determine if additional testing or labeling is required
Softlines Regulatory Supplemental Protocol	Refer to Protocol 501	All samples shall be reviewed against the requirements of the Softlines Regulatory Supplemental Protocol to determine if additional testing or labeling is required.

PHYSICAL PROPERTIES		
Fiber Content	AATCC 20/ 20A Wool Products Labeling Act	One Fiber Only: No Tolerance Two or More Fibers: +/- 3% max deviation from contracted fiber content Functional Fibers i.e. Spandex: +/- 2% max deviation from contracted fiber content
Product Weight	Kohl's TM-8	Report Actual Data – (grams per square foot)
Product Size	Kohl's TM-8	If claimed on packaging: +3% max -0% min If not claimed on packaging: Report Actual
Yarn size	ASTM D 1059	± 5% max deviation from contracted yarn size
Flammability <i>(small rugs with surface area less than 24 sq.ft)</i>	16 CFR 1631	Report Data, If test results fail must be labeled appropriately (Refer to Kohl's Labeling Guideline Policy) Flammable (Fails U.S. Department of Commerce Standard FF-2-70): Should not be used near sources of ignition
Flammability <i>(rugs larger than 6 feet)</i>	16 CFR 1630	Must Comply with Sec. 1630.3
ANALYTICAL		
Formaldehyde – Adults & children over 5T	Kohl's TM-5 JIS L 1041:2011 – Sec. 8.1.3 & 8.1.4 Method A or B	Negative, If Spot Test is Positive/inconclusive, proceed with step 2 Children over 5T & Adults = 75 ppm max.
Perfluoroalkyl or Polyfluoroalkyl Substances (PFAS)	CA Safe Consumer Products Regulation Carpets and Rugs Containing Perfluoroalkyl or Polyfluoroalkyl Substances Document Review	Vendor is to provide letter of guarantee indicating that the product contains no PFAS
Formaldehyde - Children's 0-5T	JIS L 1041:2011 – Sec. 8.1.3 & 8.1.4 Method A or B	Children's 0-5T = 20 ppm max.
CA Prop 65* (if applicable)	Refer to protocol 1300	All samples shall be reviewed against the requirements of California Prop 65
pH value	AATCC 81	All colorways: 5.0-8.0 (No Tolerance)
Attachment Strength 0-5T* Applies to ALL trims No fragile trims allowed	16 CFR 1500.51-53 Pt. F (Saf Q)	0-5T: No detachment at 17lbs for 10 seconds (no exceptions) **Must test in original state, after 1 wash, and after 5 washes
Tech Pack Verification* (Needs to be provided - Lab HOLD if not provided) <i>(please reach out to Kohl's PI if tech pack unavailable)</i>	Visual Check	Verify all claims mentioned in Tech Pack file
DIMENSIONAL CHANGE		
Dimensional Change to Home Laundering, Professional Clean	AATCC 150 (after 3 washes) / AATCC 158 (1 cycle) Tide ® Powder Detergent	Tier 1
		All fabrics (except listed below) -8% max
		Tufted Latex -4% max
		Growth 2% max
		Tier 2: Use same requirements as Tier 1, evaluate after 3 and 5 washes or 1 dry clean

Appearance Retention	AATCC/ASTM TS-008 Modified Tide® Powder Detergent	Must meet all applicable Kohl's Appearance Evaluation Requirements
Appearance Retention to Spot Clean	Kohl's TM-9	Must meet all applicable Kohl's Appearance Evaluation Requirements
Kohl's Durability Evaluation	Kohl's Durability Evaluation Tide® Powder Detergent	Must meet all applicable Kohl's Durability Evaluation Requirements. Ultimate Performance & Memory foam: 10 washes All others: 5 washes
COLORFASTNESS		
Colorfastness to Chlorine Bleach AND Non-chlorine Bleach	AATCC/ASTM TS-001	Shade Change Grade 4 min.
Colorfastness to Water	AATCC 107	Shade Change Grade 4 min. Self-Staining Grade 4 min. Staining Grade 4 min.
Colorfastness to Crocking	AATCC 8/116	<u>All fabrics/dyes (except listed below):</u> Dry - Grade 4 min Wet - Grade 3 min <u>Pigment Dyed/Printed, Direct Dye, Vat Dye, Sulfur, Lightly Brushed, Piled, Indigo:</u> Dry - Grade 3.5 min Wet - Grade 2 min
PERFORMANCE		
Rug Back Staining on Vinyl Tile	AATCC 137	Staining Grade 4 min.
Skid Resistance on Vinyl Tile (latex backing only AND/OR Slip Resistance Performance Claim)	ASTM F 609-05 – Modified 50 lb load	Coefficient of Friction 0.4 min.
ADDITIONAL COLORWAY TESTING		
Flammability <i>(small rugs with surface area less than 24 sq.ft)</i>	16 CFR 1631	Must Comply or Labeled Appropriately (Refer to Kohl's Labeling Guideline Policy) Flammable (Fails U.S. Department of Commerce Standard FF-2-70): Should not be used near sources of ignition
Flammability <i>(rugs larger than 6 feet)</i>	16 CFR 1630	Must Comply with Sec. 1630.3
Appearance Retention	AATCC/ASTM TS-008 Modified Tide® Powder Detergent	Must meet all applicable Kohl's Appearance Evaluation Requirements
Appearance Retention to Spot Clean	Kohl's TM-9	Must meet all applicable Kohl's Appearance Evaluation Requirements
Formaldehyde – Adults & children over 5T	Kohl's TM-5 JIS L 1041:2011 – Sec. 8.1.3 & 8.1.4 Method A or B	Negative, If Spot Test is Positive/inconclusive, proceed with step 2 Children over 5T & Adults = 75 ppm max. Children's 0-5T = 20 ppm max.
pH value	AATCC 81	All colorways: 5.0-8.0 (No Tolerance)
Formaldehyde - Children's 0-5T	JIS L 1041:2011 – Sec. 8.1.3 & 8.1.4 Method A or B	Children's 0-5T = 20 ppm max.

Colorfastness to Chlorine Bleach AND Non-Chlorine Bleach	AATCC/ASTM TS-001	Shade Change Grade 4 min.
Colorfastness to Crocking	AATCC 8/116	<u>All fabrics/dyes (except listed below):</u> Dry - Grade 4 min Wet - Grade 3 min <u>Pigment Dyed/Printed, Direct Dye, Vat Dye, Sulfur, Lightly Brushed, Piled, Indigo:</u> Dry - Grade 3.5 min Wet - Grade 2 min
Colorfastness to Water	AATCC 107	Shade Change Grade 4 min. Self-Staining Grade 4 min. Staining Grade 4 min.
Colorfastness to Light	AATCC 16 (option 3) 20 AFU	Color Change Grade 3.5 min.
Rug Back Staining on Vinyl Tile	AATCC 137	Staining Grade 4 min.
Kohl's Durability Evaluation	Kohl's Durability Evaluation Tide® Powder Detergent	Must meet all applicable Kohl's Durability Evaluation Requirements. Ultimate Performance & Memory foam: 10 washes All others: 5 washes
REQUIRED WHERE APPLICABLE AT ADDITIONAL COST		
MEMORY FOAM TESTING - Required where applicable		
*Penta-BDE and Octa-BDE (banned) / Deca-BDE (proposed)	Various State Laws of Maine, Illinois, Washington, etc.	Shall not exceed 0.1% by weight. 3-4 week Turn Around Time
Dimensions	Kohl's TM-8	Report Actual in inches Shall meet label claims Length x Width x Height/Thickness Height/thickness will include separate measurements for the pile, foam and backing
Material Type	FTIR (composition screening)	Report Actual; Shall meet label claims (if applicable)
Defects	Kohl's TM-10	Shall have no discernible surface degradation:
		<ul style="list-style-type: none"> • Bubbles • Stains • Deformations • Indentations • Blisters <ul style="list-style-type: none"> • Waves • Shear marks • Scratches • Scuff marks
Foam Density	ASTM D3574-16 Test A	Shall meet label claims (if applicable) Report density to the nearest lbs/ft³ Note: Specimen actually taken from test submission +10%/-5% maximum Skin and convoluted peaks to be removed so that sample for density determination is flat on all sides (if applicable).

Constant Deflection Compression Test	ASTM D3574-16 Test D	90% deflection at conditions of 70 +/- 2°C and 6% maximum relative humidity for 22 hours. 90%: Average compression set shall not exceed 10% of original thickness Report the constant deflection compression set as follows: Record original and final in inches. Record compression and recovery in %.
Indentation Force Deflection	ASTM D3574-16 Test B1	Report the force in newtons for 25 and 65% indentation Convuluted peaks are to be tested with convolution side down - pads are to be untrimmed. -/+ 5% from contracted spec (if applicable).
Performance Test	Test Method	Requirement
OPTIONAL TESTING – Required where applicable at additional cost		
Attachment Strength* A) Applies to all Rings/Sliders B) Applies to Buttons, Snaps, Small Parts, Belt Loops, Zipper Tab, etc. C) Over 5T-Adult: Fragile Trims: Beads, Rhinestones, etc	16 CFR 1500.51-53 Pt. F (Saf Q)	A) REQUIREMENT: No detachment at 25 lbs. DATA ONLY: Report the point at which the trim fails, or if there is no detachment at 50 lbs. B) REQUIREMENT: Over 5T - Adult: No detachment at 17 lbs. for 10 seconds <u>Exceptions:</u> Buttons: 20lbs DATA ONLY: Report the point at which the trim fails, or if there is no detachment at 50 lbs. C) REQUIREMENT: 5 lbs. for 10 seconds minimum
Sharp Points & Sharp Edges*	CPSC 16 CFR 1500.48 - 49	No sharp points or sharp edges – Refer to Kohl's Product Safety Policy
OPTIONAL TESTING – TOXICOLOGY TESTING (Required where applicable at additional cost)		
Lead Content in Surface Coating – Scrapeable in each color *	CPSC-CH-E1003-09.1	Children & Adult Products <90 ppm (0.009% total weight)
Total Lead in Substrate Material *	CPSC-CH-E1002-08.3/ CPSC-CH-E1001-08.3	Children's of ALL ages - Accessible components in each part/material <100 ppm (0.010% total weight)
Phthalates in each plasticized part/material such as PVC, Vinyl *	CPSC-CH-C1001.09.3	Applies to ALL Children's Products ≤ 1000 ppm max (0.1% max total) BBP, DBP, DEHP, DINP, DIDP, DNOP ≤ 1000 ppm max (0.1% max each individual) DCHP, DIBP, DnHP/DHEXP, DPP/DPENP ALL Adult products ≤ 1000 ppm max (0.1% max total) BBP, DBP, DEHP, DINP, DIDP, DNOP ≤ 1000 ppm max (0.1% max each individual) DCHP, DIBP, DnHP/DHEXP, DPP/DPENP

Soluble Heavy Metals * Applies to Children's Toys	ASTM F 963	Children's Toys = Defined as a consumer product designed or intended by the manufacturer for a child, for use by the child when the child plays. Required for children's toys of ALL ages Mercury - 60 ppm Barium - 1000 ppm Antimony - 60 ppm Cadmium - 75 ppm Arsenic - 25 ppm Chromium - 60 ppm Selenium - 500 ppm Lead - 90 ppm								
Lead, Cadmium and Phthalate* Applicable to children product including: - Child car seats - Clothing - Cosmetics for children under the age of 12 - Jewelry for children under the age of 12 - Products to help a child with sucking or teething, to facilitate sleep, relaxation, or the feeding of a child	Lead and Cadmium EPA SW 846 Method # 3050B/3051 (Mod.) / CPSCCH-E1003-09.1/ CPSC-CHE1002-08.1 / CPSC-CHE1001-08.1 Phthalate CPSC-CHC1001-09.3	Washington Children's Safe Products Act ≤ 90 ppm (lead) ≤ 40 ppm (Cadmium) ≤ 0.1% (max total) BBP, DBP, DEHP, DINP, DIDP, DNOP ≤ 0.1% (max each individual) DCHP, DIBP, DnHP/DHEXP, DPP/DPENP Note: Actual test would be performed on below suggested accessible materials. <table border="1" data-bbox="737 659 1531 800"> <thead> <tr> <th>Substances</th> <th>Suggested materials</th> </tr> </thead> <tbody> <tr> <td>Lead</td> <td>Follow CPSC lead</td> </tr> <tr> <td>Cadmium</td> <td>Follow CPSC lead</td> </tr> <tr> <td>Phthalates</td> <td>Coating & Plasticized materials</td> </tr> </tbody> </table> The Washington standard cannot be enforced for products to which a federal standard applies.	Substances	Suggested materials	Lead	Follow CPSC lead	Cadmium	Follow CPSC lead	Phthalates	Coating & Plasticized materials
Substances	Suggested materials									
Lead	Follow CPSC lead									
Cadmium	Follow CPSC lead									
Phthalates	Coating & Plasticized materials									

(*) asterisk = ALL COLORWAYS MUST BE TESTED

<p>Minimum Sample Size Necessary for Testing</p> <p>Initial Package Small Rugs = 8 finished products Large Rugs = 3 finished products</p> <p>Additional Colorway Small Rugs = 6 finished products Large Rugs = 2 finished product</p> <p>Toxicology Testing and Memory Foam Testing Consult with testing lab for the number of samples</p> <p>Memory Foam Products are to be subcontracted to the following testing facility:</p> <p>BV – Buffalo, NY (USA) 100 Northpointe Pkwy Buffalo, NY 14228 Attn: Cody Balling Email: Cody.Balling@us.bureauveritas.com P: (716)-505-3761</p>	<p>Pricing Please refer to Kohl's preferred third party labs for individual pricing.</p> <p>Turn Around Time = 4-5 working days Toxicology Testing = 6 working days</p> <p>Memory Foam Testing = Consult with the testing lab</p>
---	--

PROTOCOL REVISION	DESCRIPTION OF CHANGE	DATE REVISION/
-------------------	-----------------------	----------------

901-1	<ol style="list-style-type: none"> 1) Label Review – Added 16 CFR 300, 19 CFR 134. Lab is required to verify information on TRF and match to label submission. 2) Added Tracking Label Review on Children’s Products. 3) Product Weight – Added ounces/sq yd to the requirement. 4) Added Appearance Retention to Spot Clean – Kohl's TM-9 5) C/f to Crocking – Added pigment dyes/printed, direct dye, vat dye, sulphur, lightly brushed, piled, and indigo test requirements. 6) Lead Surface Coating – Corrected method from 16 CFR 1303 to CPSC-CH-E1003-09. Also, added requirement for Adult products. 7) Lead Substrate – Corrected method from EPA 3050B or EPA 3051 to CPSC-CH-E1002-08/CPSC-CH-E1001-08. 8) Phthalates – Corrected method from ASTM D3421 to CPSC-CH-C1001.09.2. 9) Heavy Metals – Corrected method from ASTM F 963-07 to ASTM F 963-08 	August 2011/Amy Her
901-2	<ol style="list-style-type: none"> 1) Added memory foam testing to optional testing section 2) Added durability evaluation to initial and additional colorway packages 3) Updated detergent to Ultra Tide® Powder Detergent 4) Updated c/f to crocking requirement for additional colorway to be same as initial package 5) Updated the units to provide for product weight 6) Updated Rug back staining test to be tested on vinyl tile 7) Updated skid resistance test to be tested on vinyl tile 	November 2012/Kristi Sachs
901-3	<ol style="list-style-type: none"> 1) Added packaging review 2) Added yarn size and product size to the initial testing package 3) Added formaldehyde test for initial and additional colorway testing 4) Updated testing requirements for dimensional stability to include requirements for tier 1, tier 2 and tier 3. 5) Updated the c/f to crocking requirement for pigment dyed/printed, etc. To dry grade 3.5 6) Added pH testing to initial and additional colorway testing 7) Added Appearance retention to spot clean to additional colorway testing 8) Added attachment strength to the optional testing section 9) Updated test method for toxicology tests 	Jan-14
901-4	<ol style="list-style-type: none"> 1) For packaging review added that artwork can be submitted as well as updated the product size to be if applicable 2) Updated Tier 2/3 testing requirements for dimensional change, added 2% growth max 3) For additional colorway testing removed “Only for Tier 1 brands” 4) For additional colorway testing, removed Skid Resistance test 	September 2014/Jackie Deppisch
901-5	<ol style="list-style-type: none"> 1) Removed pricing from protocol 	October 2014/Elaine Smaczniak
901-6	<ol style="list-style-type: none"> 1) Added phthalates requirement for adults 	December 2014/Jackie Deppisch
901-7	<ol style="list-style-type: none"> 1) Removed pH test from protocol 	May 2015/Jackie Deppisch
901-8	<ol style="list-style-type: none"> 1) Changed weight required for skid resistance static load test 2) Changed fabric weight reporting from pounds per dozen to grams per square foot 	Nov 2015/Jackie Deppisch
901-9	<ol style="list-style-type: none"> 1) Changed Performance Test Skid Resistance on Vinyl Tile to include (Latex backing only AND/OR Slip Resistance Claim) 	Oct 2016/Dana Lear
901-10	<ol style="list-style-type: none"> 1) Corrected 901-9 re: rug back staining update error 	Feb 2017/Jackie Deppisch

901-11	1) Removed Overall Density, Compression Test, and Indentation Force Deflection and replaced with updated performance testing: Foam Density, Constant deflection compression test, and Indentation Force Deflection	June 2017/Charlene Swanson
901-12	1) Added Prop 65 testing 2) Updated formaldehyde testing for children 3) Updated formaldehyde testing to be most current 4) Updated Tide detergent to be correct 5) Updated phthalates testing 6) Updated format 7) Added Lead, Cadmium, and Phthalates testing for children	March 2018/Charlene Swanson
901-13	1) Updated product size to state minimum requirements	April 2018/Charlene Swanson
901-14	1) Updated Soluble Heavy Metals to ASTM F 963-17 2) Updated phthalates for Washington Law to include coated materials 3) Added pH value under analytical and additional colorway testing	October 2018/Charlene Swanson
901-15	1) Updated format of Formaldehyde requirements	December 2018/Charlene Swanson
901-16	1) Update Tracking Label to include Adult Tracking Label requirements	March 2019/Jackie Deppisch
901-17	1) Updated Adult Tracking Label to be marked as DATA ONLY	March 2019/Jackie Deppisch
901-18	1) Added Import Permit label requirement 2) Updated phthalates testing requirements for max and individual totals	April 2019/Charlene Swanson
901-19	1) Updated note at the top of protocol noting this is not for terry or fabric bath mats	June 2019/Charlene Swanson
901-20	1) Updated attachment strength requirements and added regulatory testing for ages 0-5T	August 2019/Charlene Swanson
901-21	1) Updated attachment strength requirements and regulatory testing for ages 0-5T 2) Removed hanger loops since not applicable 3) Removed "all garments"	August 2019/ Becky Becker
901-22	1) Removed hanger loops since not applicable 2) Removed "all garments" from attachment strength testing 3) Updated Indentation Force Deflection, Foam Density, Constant Deflection Compression Test to be the same as memory foam protocol 4) Updated Defects to have more applicable tests	September 2019/Charlene Swanson
901-23	1) Added Tech Pack verification testing	December 2019/Charlene Swanson
901-24	1) Updated Adult Tracking Label to REQUIRED	March 2020/Jackie Deppisch
901-25	1) Updated Tech Pack verification testing requirements	November 2020/Charlene Swanson
901-26	1) Updated area to have "Performance" section for rug back staining and skid resistance	December 2020/Charlene Swanson
901-27	1) Updated email address for tracking label information, took out "fabric" at the header for bath mats	June 2021/Charlene Swanson
901-28	1) Updated Tiering requirements, removed Tier 3.	August 2021/Charlene Swanson
901-29	1) Added test line for all performance claims	March 2022 / Becky Becker
901-30	1) Added test line for regulatory softlines supplemental protocol	November 2022/Charlene Swanson
901-31	Removed year from ASTM F963 test	Violet Nelson / Feb 2024
901-32	Formatting updates only; no change to content	Kate Andereson / April 2026