

PROTOCOL # 611-4

Plush Headboard

Performance Test	Test Method	Requirement
Initial Package		
Label Verification		
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
Flame Retardant Chemical Statement N/A if Intended for Outdoor Use ONLY	TB 117-2013/SB1019	Implemented on and after January 1, 2020: Upholstered furniture shall indicate whether or not the product contains added flame retardant chemicals by including the following "flame retardant chemical statement" and indicate with an "X" in one of the appropriate blanks. NOTICE THIS ARTICLE MEETS THE FLAMMABILITY REQUIREMENTS OF CALIFORNIA BUREAU OF HOUSEHOLD GOODS AND SERVICES TECHNICAL BULLETIN 117-2013. CARE SHOULD BE EXERCISED NEAR OPEN FLAME OR WITH BURNING CIGARETTES. "The upholstery materials in this product: _____contain added flame retardant chemicals _____contain NO added flame retardant chemicals The State of California has updated the flammability standard and determined that the fire safety requirements for this product can be met without adding flame retardant chemicals. The state has identified many flame retardant chemicals as being known to, or strongly suspected of, adversely impacting human health or development." Label requirement shall comply to Section 1374.3 of Title 4 of the California Code of Regulations for font size of 1/8 in min. and label size of 2 in x 3 in min. Note: The statement shall follow TB 117 flammability compliance statement (on bottom or right hand side of the flammability compliance statement) It is vendor responsibility to retain documentation to show whether flame retardant chemicals were added Effective date: January 1, 2015

Flammability Labeling N/A if Intended for Outdoor Use ONLY	TB - 117 - 2013	Verify label is present and includes the following: NOTICE THIS ARTICLE MEETS THE FLAMMABILITY REQUIREMENTS OF CALIFORNIA BUREAU OF HOUSEHOLD GOODS AND SERVICES TECHNICAL BULLETIN 117-2013. CARE SHOULD BE EXERCISED NEAR OPEN FLAME OR WITH BURNING CIGARETTES. Must meet: CA BFHTI Article 13 Sec. 1374
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
Label Verification		
Adult Tracking Label: <i>**If space limitations exist, contact Kohl's Quality Assurance & Product Integrity teams to discuss minimum required information (MR.QA.PI@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: -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
Parts Labeling	Visual Check	Shall match actual content if present
Law Label (Filled Products Only)	International Association of Bedding & Furniture Labeling Officials & CA Bureau of Home Furnishing and Thermal Insulation Act	Label must be included and all state laws must be met: CA BFHTI Article 13 Sec. 1374 *Refer to Kohl's Labeling Guideline Policy for Law Label Guidelines *If fill is claimed to be of recycled content, this should be an automatic fail If labeling or packaging is not attached to product, artwork must be provided
Label Verification		

Labeling for Upholstered Furniture	16 CFR 1640	<p>Each manufacturer of a product that is subject to the California standard shall include the statement “Complies with U.S. CPSC requirements for upholstered furniture flammability” on a permanent label located on the product, which shall be considered to be a certification that the product complies with that standard.</p> <p>CPSC staff recommends that the certification statement be conspicuous and legible. The statement should be at least 1/8-inch high and not smaller than other text on the label; it should be in black text on a white background and surrounded with black border. The label may be a separate label, or it can be added to the bottom of an existing California TB 117-2013 label required by SB-1019. The required statement must appear on the front of the label in English and cannot be on the back side.</p> <p>Compliance with the labeling requirement in § 1640.4 shall be required by June 25, 2022, and shall apply to all upholstered furniture, as defined in § 1640.3, manufactured, imported, or reupholstered on or after that date.</p>
Physical Properties		
Fiber Content	AATCC 20/ 20A Wool Products Labeling Act	<p>One Fiber Only: No Tolerance</p> <p>Two or More Fibers: +/- 3% max deviation from contracted fiber content</p> <p>Functional Fibers i.e. Spandex: +/- 2% max deviation from contracted fiber content</p>
Count	ASTM D 3775/ ASTM 3887/ AATCC/ASTM TS-002	<p>Sheets + 5/-3% max</p> <p>Others +/- 5% max</p> <p>Unless stated on the packaging, packaging claims + 5% max</p>
Fabric Weight	ASTM D 3776	Contracted Weight: +/- 5% max deviation
Product Size	Kohl's TM-8	<p>If claimed on packaging: Refer to Kohl's Private Brands Construction Standards for Bedding & Sheeting (under Tech Design tab)</p> <p>If not claimed on packaging: Report Actual</p>
Yarn Size	ASTM D 1059	Contracted Yarn Size: +/- 5% max deviation
Weight of Fill or Down (filled products only)	Kohl's TM-24	Contracted Weight: +/- 5% max (oz/sqyd, lbs, oz.) deviation (if applicable)
Analytical		
Flammability (if applicable)	ASTM D 1230	Class 1
Flammability for Upholstered Furniture (if applicable)	16 CFR 1640/CA TB 117	Comply with regulations

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.
Formaldehyde - Children's 0-5T	JIS L 1041:2011- Sec. 8.1.3 & 8.1.4 Method A or B	Children 0-5T = 20 ppm max.
pH Value	AATCC 81	All Colorways 5.0 - 8.0 (No tolerance)
CA Prop 65* (if applicable)	Refer to protocol 1300	All samples shall be reviewed against the requirements of California Prop 65
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.
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
Dimensional Change		
Dimensional Change to Home Laundering or Dry-cleaning	AATCC 150 (after 3 washes) / AATCC 158 (1 cycle)	Home Laundering: +/- 5% Dry Clean: +/- 3%
Appearance Retention to Spot Clean	Kohl's TM-9	Must meet all applicable Kohl's Appearance Evaluation Requirements
Appearance Retention	AATCC/ASTM TS-008 Modified Tide® Powder Detergent	Must meet all applicable Kohl's Appearance Evaluation Requirements
Strength & Durability		
Tensile Strength (wovens only)	ASTM D 5034 (CRT/CRE Tensile Testing Machine)	Tier 1
		≤ 4.0 oz/sq. yd 25 lbs min
		> 4.0 to ≤ 8.0 oz/sq. yd 35 lbs min
		> 8.0 oz/sq. yd 45 lbs min
		Tier 2: Use same requirements as Tier 1, evaluate original state & after 5 washes or 1 dry clean
Tear Strength (wovens only)	ASTM D 1424 (Elmendorf)	Tier 1
		≤ 4.0 oz/sq. yd 2 lbs min
		> 4.0 to ≤ 8.0 oz/sq. yd 2.5 lbs min
		> 8.0 oz/sq. yd 3 lbs min
		Tier 2: Use same requirements as Tier 1, evaluate original state & after 5 washes or 1 dry clean
Seam Slippage/ Seam Strength (wovens only)	ASTM D 1683	Tier 1
		All seams and seam slippage 25 lbs min
		Tier 2: Use same requirements as Tier 1, evaluate original state & after 5 washes or 1 dry clean
Bursting Strength (knits only)	ASTM D 3786	Tier 1
		Fabric 40 lbs /sq. inch
		Seams 30 lbs /sq. inch
		Tier 2: Use same requirements as Tier 1, evaluate original state & after 5 washes or 1 dry clean
Hanging Strength (if applicable)	Actual Use	Shall be able to support 2 times actual product weight for 24 hours supported by attachment hardware provided

Hanging Strength - for hanging or wall mounted items (if applicable)	Actual Use	Product shall support the maximum claimed amount of weight for 24 hours without damage and/or loss of functionality. If no claim is made the product shall be loaded to capacity with intended item for 24 hours. Product shall show no signs of damage and shall function as intended
Wall Mounting Device or Hardware (if applicable)	Actual use	Instructions shall provide detailed procedures for proper mounting.
Balance	Actual Use	Shall be secure, level, and not off balance when hung our mounted as instructed or intended.
Colorfastness		
Colorfastness to Crocking	AATCC 8/116	<u>All fabrics/ dyes (except listed below):</u> <u>Dry - Grade 4 min</u> <u>Wet - Grade 3 min</u> <u>Pigment Dyed/ Printed, Direct Dye, Vat Dye, Sulfur, Lightly Brushed, Piled, Indigo:</u> <u>Dry - Grade 3.5 min</u> <u>Wet - Grade 2 min</u>
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> <u>Dry - Grade 4 min</u> <u>Wet - Grade 3 min</u> <u>Pigment Dyed/ Printed, Direct Dye, Vat Dye, Sulfur, Lightly Brushed, Piled, Indigo:</u> <u>Dry - Grade 3.5 min</u> <u>Wet - Grade 2 min</u>
Colorfastness to Light	AATCC 16 Option 3 10 AFU & 20 AFU	<u>All Colors (except listed below):</u> <u>Shade Change:</u> <u>10 AFU: Grade 4.0 min</u> <u>20 AFU: Grade 3.5 min</u> <u>Neons/ Brights/ Whites/ Pastels:</u> <u>Shade Change:</u> <u>10 AFU: Grade 3.5 min</u> <u>20 AFU: Grade 3.0 min</u>
ADDITIONAL COLORWAY TESTING		
Appearance Retention	AATCC/ASTM TS-008 Modified Tide® Powder Detergent	Must meet all applicable Kohl's Appearance Evaluation Requirements
ADDITIONAL COLORWAY TESTING		
Appearance Retention to Spot Clean	Kohl's TM-9	Must meet all applicable Kohl's Appearance Evaluation Requirements

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> <u>Dry - Grade 4 min</u> <u>Wet - Grade 3 min</u> <u>Pigment Dyed/ Printed, Direct Dye, Vat Dye, Sulfur, Lightly Brushed, Piled, Indigo:</u> <u>Dry - Grade 3.5 min</u> <u>Wet - Grade 2 min</u>
Flammability	ASTM D 1230	Class 1
Formaldehyde - Adults & children over 5T	Kohl's TM-5	Negative, If Spot Test is Positive/ inconclusive, proceed with step 2
Formaldehyde - Children's 0-5T	JIS L 1041:2011 Sec. 8.1.3 & 8.1.4 Method A or B	Children 0-5T = 20 ppm max.
pH Value	AATCC 81	All Colorways 5.0 - 8.0 (No tolerance)
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 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 Antimony - 60 ppm Arsenic - 25 ppm Selenium - 500 ppm Barium - 1000 ppm Cadmium - 75 ppm Chromium - 60 ppm Lead - 90 ppm

<p>Lead, Cadmium and Phthalate*</p> <p>Applicable to children product including:</p> <ul style="list-style-type: none"> - 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 	<p><u>Lead and Cadmium</u> EPA SW 846 Method # 3050B/3051 (Mod.) / CPSCCH-E1003-09.1/ CPSC-CHE1002-08.1 / CPSC-CHE1001-08.1</p> <p><u>Phthalate</u> CPSC-CH-C1001-09.3</p>	<p>Washington Children's Safe Products Act</p> <p>≤ 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)</p> <p>Note: Actual test would be performed on below suggested accessible materials.</p>								
		<table border="1"> <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 and Plasticized</td> </tr> </tbody> </table>	Substances	Suggested materials	Lead	Follow CPSC lead	Cadmium	Follow CPSC lead	Phthalates	Coating and Plasticized
		Substances	Suggested materials							
		Lead	Follow CPSC lead							
		Cadmium	Follow CPSC lead							
Phthalates	Coating and Plasticized									
<p>The Washington standard cannot be enforced for products to which a federal standard applies.</p>										

OPTIONAL TESTING - (required where applicable at additional cost)

<p>Colorfastness to Water* (Color block fabrics & contrast trims)</p>	<p>AATCC 107</p>	<p>Shade Change: Grade 4 min Self Staining: Grade 4 min Staining: Grade 3.5 min</p>
<p>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.</p>	<p>16 CFR 1500.51-53 Pt. F (Saf Q)</p>	<p>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.</p> <p>B) REQUIREMENT: Over 5T - Adult: No detachment at 17 lbs. for 10 seconds Exceptions: Buttons: 20lbs DATA ONLY: Report the point at which the trim fails, or if there is no detachment at 50 lbs.</p> <p>C) REQUIREMENT: 5 lbs. for 10 seconds minimum</p>
<p>Sharp Points & Sharp Edges *</p>	<p>CPSC 16 CFR 1500.48 - 49</p>	<p>No sharp points or sharp edges - Refer to Product Safety Policy</p>

(*) asterisk = ALL COLORWAYS MUST BE TESTED

Please consult with Lab for the number of samples.

Pricing: Please refer to Kohl's preferred third party labs for individual pricing

PROTOCOL VERSION	DESCRIPTION OF CHANGE	DATE REVISION/ APPROVED BY
611-1	1) Initial Launch	November 2021/Charlene Swanson
611-2	1) Added test line for all performance claims	March 2022 / Becky Becker
611-3	Added testline Softlines Regulatory Supplemental Protocol	Violet Nelson Oct. 31, 2022

