

PROTOCOL # 606-25

Sleeping Bags/ Slumber Bags

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
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 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: -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
Flammability Label	CPAI 75: Labeling	Verify presence

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
Tech Pack Verification* (Needs to be provided - Lab HOLD if not provided)	Visual Check	Verify all claims mentioned in Tech Pack file
Construction Quality		
Zipper Guard	Kohl's TM-10	Present
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
Count	ASTM D 3775/ ASTM 3887/ AATCC/ASTM TS-002	Report Actual Data
Product Size	Kohl's TM-8	If claimed on packaging: Refer to Kohl's Private Brands Construction Standards for Bedding & Sheeting (under Tech Design tab) If not claimed on packaging: Report Actual
Performance Test	Test Method	Requirement
Physical Properties		
Yarn Size	ASTM D 1059	Report Actual Data
Fabric Weight	ASTM D 3776	+/- 5% max. (oz/sqyd)
Product Weight (filled products only)	ASTM D 3776 Kohl's TM-24	Report Actual Data (lbs/doz) +/- 5% max. (oz/sqyd, lbs, oz.)
Flammability	CPAI 75	Burn rate: < 6.0 inches/min & No individual specimen shall have a burn rate > 8.0 inches/min
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.
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 (entire sample to be washed)	AATCC 150 (after 3 washes) / AATCC 158 (1 cycle) (Length X Width) Tide® Powder Detergent	Wovens	+/- 4% max
		Flannel	+/-6% max
		Knits	+/-8% max
		Quilts	+/-8% max
		Dry Cleaning	+/- 2% max
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)	≤ 2.0 oz/sq. yd	15 lbs min
		> 2.0 to ≤ 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
Tear Strength (wovens only)	ASTM D 1424 (Elmendorf)	≤ 2.0 oz/sq. yd	1.5 lbs min
		> 2.0 to ≤ 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
Seam Slippage/ Seam Strength (wovens only)	ASTM D 1683	1/4" at 10 lbs. min. seam slippage/ 20 lbs. min seam strength	
Bursting Strength (knits only)	ASTM D 3786	Fabric	40 lbs/sq. inch min.
		Seams	30 lbs/sq. inch min
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 Exceptions: 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	
Top Stop Attachment Strength (Children's of ALL ages)	ASTM D 2061;22.2	Open End Zippers (2 & 3 Part Zipper Tab) Requirement = Refer to protocol 306 – Zippers	
Zipper Tab Twist (Children's sizes 0-5T)	ASTM F 963	All Decorative (3 or more parts) Zipper Pulls must meet 4.0 in./lbs. minimum	
Sharp Points & Sharp Edges	CPSC 16 CFR 1500.48 - 49	No sharp points or sharp edges – Refer to Product Safety Policy	
Torque Tests for Removal of Components * (Children's of ALL ages)	ASTM F 963 (Table 5)	16 CFR 1500. No safety hazards	
Tension Test for Removal of Components * (Children's of ALL ages)	ASTM F 963 (Table 5)	16 CFR 1500. No safety hazards	
Colorfastness			
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 Light	AATCC 16.3 - 2012 Option 3 10 AFU & 20 AFU	<u>All Colors (except listed below):</u> Shade Change: 10 AFU: Grade 4.0 min 20 AFU: Grade 3.5 min <u>Neons/Brights/Whites/Pastels:</u> Shade Change: 10 AFU: Grade 3.0 min 20 AFU: Grade 2.0 min
Resistance to Saliva for Children's Products	64 LFGB B82.92-3 Part 1	Color Change Grade 4 min Staining Grade 4 min
ADDITIONAL COLORWAY TESTING		
Flammability	CPAI 75	Burn rate: < 6.0 inches/min & No individual specimen shall have a burn rate > 8.0 inches/min
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)
Appearance Retention	AATCC/ASTM TS-008 Modified	Must meet all applicable Kohl's Appearance Evaluation Requirements
Performance Test	Test Method	Requirement
ADDITIONAL COLORWAY TESTING		
Colorfastness to Chlorine Bleach AND	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 Light	AATCC 16.3 - 2012 Option 3 10 AFU & 20 AFU	<u>All Colors (except listed below):</u> Shade Change: 10 AFU: Grade 4.0 min 20 AFU: Grade 3.5 min <u>Neons/Brights/Whites/Pastels:</u> Shade Change: 10 AFU: Grade 3.0 min 20 AFU: Grade 2.0 min
Resistance to Saliva for Children's Products	64 LFGB B82.92-3 Part 1	Color Change Grade 4 min Staining Grade 4 min

Attachment Strength* A) Applies to all Rings/Sliders B) Applies to Buttons, Snaps, Small Parts, Belt Loops, Zipper Tab, etc. C) Applies to Hanger Loops D) 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 Exceptions: Buttons: 20lbs DATA ONLY: Report the point at which the trim fails, or if there is no detachment at 50 lbs. C) REQUIREMENT: No detachment at 5 lbs. DATA ONLY: Report the point at which the trim fails, or if there is no detachment at 50 lbs. D) REQUIREMENT: 5 lbs. for 10 seconds minimum
Top Stop Attachment Strength (Children's of ALL ages)	ASTM D 2061;22.2	Open End Zippers (2 & 3 Part Zipper Tab) Requirement = Refer to protocol 306 – Zippers
Zipper Tab Twist (Children's sizes 0-5T)	ASTM F 963	All Decorative (3 or more parts) Zipper Pulls must meet 4.0 in./lbs. minimum
Sharp Points & Sharp Edges	CPSC 16 CFR 1500.48 - 49	No sharp points or sharp edges – Refer to Product Safety Policy
Torque Tests for Removal of Components * (Children's of ALL ages)	ASTM F 963 (Table 5)	16 CFR 1500. No safety hazards
Tension Test for Removal of Components * (Children's of ALL ages)	ASTM F 963 (Table 5)	16 CFR 1500. No safety hazards
OPTIONAL TESTING - (required where applicable at additional cost)		
Colorfastness to Water * (Color block fabrics & contrast trims)	AATCC 107	Shade Change: Grade 4 min Self Staining: Grade 4 min Staining: Grade 3.5 min
Thermal resistance (If claimed on the product)	ASTM D 1518	Clod 2.0 min
DOWN & FEATHER FILLED PRODUCT TESTS		
Down Content / Filling Classification	IDFB 3	CA BFHTI: California Plumage Regulation - Article 5 Sec. 1192
Down Content Species	IDFB 12	CA BFHTI: California Plumage Regulation - Article 5 Sec. 1193
Oxygen Number	IDFB 7	≤ 10 mg
Fill Power	IDFB 10 Part B – Steam Conditioning	Record Actual Data
Turbidity Cleanliness	IDFB 11 Part A – Glass Turbidity Tube	Less than 10 NTU
Penetration Resistance to Filling Material	FTMS 191A Method 5530	Satisfactory
Performance Test	Test Method	Requirement
OPTIONAL TESTING - TOXICOLOGY TESTING (required where applicable at additional cost)		
Lead Content in Surface Coating -	CPSC-CH-E1003-09.1	Children & Adult Products ≤ 90 ppm (0.009% total weight)

<p>Attachment Strength*</p> <p>A) Applies to all Rings/Sliders</p> <p>B) Applies to Buttons, Snaps, Small Parts, Belt Loops, Zipper Tab, etc.</p> <p>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

Minimum Sample Size Necessary for Testing

Recommended Size – Queen Size

Initial Package

Sheets = 4 finished products
Pillowcases = 6 finished products

Additional Colorways

Sheets = 2 finished product
Pillowcases = 4 finished product

Toxicology Testing

Consult with Lab for the number of samples

Additional samples may be needed for items that contain two care instructions, i.e. “For Best Results, Dry Clean”. Please consult with Lab for the number of samples.

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

Turn Around Time = 4-5 working days
Toxicology Testing = 6 working days

PROTOCOL VERSION	DESCRIPTION OF CHANGE	DATE REVISION/ APPROVED
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606-1	<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) Added product warning labels for infant bumper pads and fitted sheets only. 4) Added count 5) Formaldehyde Spot Test – Method changed from Intertek USA #416 to Kohl’s TM-5. 6) Fit Test – Added mattress dimensions 7) Fit Test (infant fitted sheets) – Added mattress dimensions 8) Tensile Strength – Added CRT Tensile testing machine. 9) Added pH Value 10) Added test ribbons, strings and ties on bumper pads test 11) Lead Surface Coating – Corrected method from 16 CFR 1303 to CPSC-CH-E1003-09. Also, added requirement for Adult products. 12) Lead Substrate – Corrected method from EPA 3050B or EPA 3051 to CPSC-CH-E1002-08/CPSC-CH-E1001-08. 13) Phthalates – Corrected method from ASTM D3421 to CPSC-CHC1001.09.2. 14) Heavy Metals – Corrected method from ASTM F 963-07 to ASTM F 963-08. 15) Resistance to Saliva – Changed test method from 35 LMBG 82.10 to 64 LFGB B82.10-1. 	Amy Her/ Aug 2011
606-2	<ol style="list-style-type: none"> 1) Added Ultra to the Tide ® detergent 2) Removed no tolerance for wool products from fiber content section 3) Added packaging review 4) Added yarn size and product size to the initial testing package 5) Updated test method for adult queen fitted sheets to Kohl’s TM-27 6) For formaldehyde test included “if positive/inconclusive proceed with step 2” also updated requirement for children to 20 ppm 7) Updated testing requirements for dimensional stability, tensile strength, tear strength, seam strength/slippage and bursting strength to include requirements for tier 1, tier 2 & tier 3 8) Updated the c/f to crocking requirement for pigment dyed/printed, etc. To dry grade 3.5 9) Added pH testing to initial and additional colorway testing 10) Attachment strength included, evaluate small parts and added requirement for fragile trims for tier 1, tier 2, & tier 3 11) Added tensile strength, tear strength, seam strength/slippage and bursting strength to the additional colorway package for silver brands. 12) Updated test method for Resistance to saliva to 64 LFGB B82.92-3 Part 1 13) Updated test method for toxicology tests 	Kristi Sachs/ Jan 2014
606-3	<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, tensile strength, tear strength, seam strength and bursting strength. 3) Removed strength tests from additional colorway testing 4) For additional colorway testing removed “Only for Tier 1 brands” 5) Removed Shams/Pillow covers/Bedskirts from 601 protocol, moved to 602. 	Kristi Sachs/ Sept 2014

606-4	1) Removed pricing from protocol 2) Added Fabric Weight and Low Pilling tests to protocol for Flannel/ Brushed/ Napped products	J. Deppisch/ Nov 2014
606-5	1) Added Phthalates testing for adults	J. Deppisch/ Nov 2014
606-6	1) Updated number of samples needed for sheets	J. Deppisch/ Feb 2015
606-6	1) Updated product size to include Tech Design's tolerances	J. Deppisch/ Sept 2015
606-7	1) Added Lead, Cadmium, and Phthalate testing for children	C. Swanson/May 2017
606-8	1) Updated Formaldehyde for children to be up to 5T	C. Swanson/October 2017
606-9	1) Updated pH value 1) Updated Phthalates requirements	C. Swanson/December 2017
606-10	1) Updated Tide detergent to be correct 2) Updated formaldehyde to be up to date	C. Swanson/January 2018
606-11	1) Added DIDP back to phthalates testing 2) Added Prop 65 testing	C. Swanson/February 2018
606-12	1) Updated pH value to be 5.0-8.0 (no tolerance) 2) Updated phthalates for Washington law to included coated materials 3) Updated Soluble Heavy Metals to be ASTM F 963-17	C. Swanson/October 2018
606-13	1) Updated Tracking Label to include Adult Tracking Label requirements	J. Deppisch/March 2019
606-14	1) Updated Adult Tracking Label to be DATA ONLY	J. Deppisch/March 2019
606-15	1) Added Import Permit label requirement 2) Updated phthalates testing requirements for max and individual totals	C. Swanson/April 2019
606-16	1) Updated Zipper Tab Twist to be up to 5T 2) Updated Attachment Strength requirements 3) Added regulatory requirements for Attachment Strength for ages 0-5T	C. Swanson/August 2019
606-17	1) Updated Attachment strength for both performance and regulatory	C. Swanson/August 2019
606-18	1) Updated Law Label requirements 2) Removed "all garments" and plastic hanger loop testing for Attachment strength	C. Swanson/September 2019
606-19	1) Updated attachment strength requirements	C. Swanson/October 2019
606-20	1) Corrected attachment strength requirements to be the same on page 4 & 5	C. Swanson/December 2019
606-21	1) Updated Adult tracking label to REQUIRED	J. Deppisch/ March 2020
606-22	1) Added test line for all performance claims	March 2022 / Becky Becker
606-23	Added testline Softlines Regulatory Supplemental Protocol	Violet Nelson Oct. 28, 2022
606-24	Removed year from ASTM F963 test	Violet Nelson / Feb 2024
606-25	1) Added Tech Pack verification test line 2) Updated email address for adult tracking labels 3) Updated pH values under additional colorway testing	Charlene Swanson / April 2024