

Protocol 906-22

Home Organizers/Fabric Totes/Fabric Clothes Hamper

****In addition to this protocol, any product designed for, intended for, or appealing primarily to children, requires additional testing per Kohl's Testing Protocol #601 (hardlines)****

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
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	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	
Flammability	ASTM D 1230	Class 1	
Flammability for vinyl material (if applicable)	16 CFR 1611	Shall not exceed 1.2 inch/second of average rate of burning	
Product Weight	Kohl's TM-8	Report Actual Results (pounds and ounces)	
Fabric Weight	ASTM D 3776	±5% max. deviation from contracted weight.	
Yarn Size	ASTM D 1059	±5% max. deviation from contracted yarn size	
Product Size	Kohl's TM-8	If claimed on packaging: +3% max -0% max If not claimed on packaging: Report Actual	
Performance Test	Test Method	Requirement	
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 -	JIS L 1041:2011 –	Children's 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	
Dimensional Change			
Appearance Retention to spot clean	Kohl's TM-9	Must meet all applicable Kohl's Appearance Evaluation Requirements	
Colorfastness			
Colorfastness to Water (Clothes Hamper Only)	AATCC 107	Shade Change	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	
Strength & Durability			
Tensile Strength	ASTM D 5034 (CRT/CRE Tensile Testing Machine)	≤ 2.0 oz/sq. yd. - 15 lbs. min > 2 to ≤4.0 oz/sq. yd.- 25 lbs. min > 4.0 to ≤8.0 oz/sq. yd.- 35 lbs. min > 8.0oz/sq.yd. - 45 lbs. Min	
Fabric Defects (if applicable)	ASTM D3990	Visual examination to verify noticeable defects such as missing components, obvious knitting/ weaving defects, improper functioning component.	

Tension Test for Removal of Components (if applicable)	With reference to ASTM F963	Minimum of 15 lbf for 10 s.
Velcro Fastening Strength (if applicable)	ASTM D5170	Take an initial reading, conduct the Fastener Test below and take a measurement of the force to undo, shall not lose more than 20% of the initial reading. Conduct the test on parts where Velcro is used.
Velcro Fastener Test (if applicable)	Actual use	Shall perform 500 cycles (1 cycle = fasten/unfasten) of the Velcro. The device carrier shall still fasten and hold a device once completed.
Seam Strength	ASTM D 1683	25 lbs. min
Handle/Hook Strength	ASTM D 1683 Mod	25 lbs. min
Holding Durability	Actual Use	Shall withstand 40 lb. load for 1 hour. No failure. Note: If there were no handles/straps, test the top of the bag/bin. If there were several handles/straps, test each one individually, not just the primary handle/strap. DO NOT test all handles/straps together
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
Folding Mechanisms and Hinges - Hinge-Line Clearances	With reference to ASTM F963	An accessible gap or clearance along the hinge line between a stationary portion and a moveable portion that weighs more than 1/2 lb. (0.2 kg) shall be constructed that if the gap at the hinge line will admit a 3/16-in. (5-mm) diameter rod, it will also admit a 1/2-in. (13-mm) diameter rod at all positions of the hinge.
Hinge Durability	Actual Use	Shall withstand 200 open and close cycles. No failure.
Dynamic Lifting (Clothes Hamper with Handles Only)	Kohl's TM-12	Shall withstand 10 lift cycles with a load based on the vendors claim + 20% applied without any damage or deformation of the handle or container
Static Lifting (Clothes Hamper with Handles Only)	Kohl's TM-12	Shall withstand 2 suspension cycles with load determined on the vendors claim + 20% applied without any damage or deformation of the handle or container
Folding Endurance	Kohl's TM-12	No damage after 25 cycles (Folding (for storage) and opening (for use) constitutes one cycle)
ADDITIONAL COLORWAY TESTING		
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's 0-5T = 20 ppm max.
Performance Test	Test Method	Requirement
ADDITIONAL COLORWAY TESTING		

Flammability	ASTM D 1230	Class 1	
pH Value	AATCC 81	All colorways: 5.0-8.0 (No Tolerance)	
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 (Clothes Hamper Only)	AATCC 107	Shade Change	Grade 4 min.
		Self-Staining	Grade 4 min.
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.	
		Substances	Suggested materials
		Lead	Follow CPSC lead
Cadmium	Follow CPSC lead		
Phthalates	Coating & Plasticized materials		
		The Washington standard cannot be enforced for products to which a federal standard applies.	
(*) asterisk = ALL COLORWAYS MUST BE TESTED			

Minimum Sample Size Necessary for Testing <u>Initial Package</u> 5 finished products <u>Additional Colorways</u> 4 finished products <u>Toxicology Testing</u> Consult with Testing 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 REVISION	DESCRIPTION OF CHANGE	DATE REVISION/ APPROVED BY
906-1	1. Added requirements for Clothes Hamper	April 2010/J.Engelman
906-2	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) Formaldehyde Spot Test – Method changed from Intertek USA #416 to Kohl’s TM-5. 4) Product Weight – Changed method from ASTM D 3776 to Kohl’s TM-8. 5) Tensile Strength – Added CRT Tensile testing machine. 6) Dynamic Lifting Test – Changed method from Intertek to Kohl’s TM-12. 7) Static Lifting Test – Changed method from Intertek to Kohl’s TM-12. 8) Folding Endurance Test – Changed method from Intertek to Kohl’s TM-12. 9) Lead Surface Coating – Corrected method from 16 CFR 1303 to CPSC-CH-E1003-09. Also, added requirement for Adult products. 10) Lead Substrate – Corrected method from EPA 3050B or EPA 3051 to CPSC-CH-E1002-08/CPSC-CH-E1001-08. 11) Phthalates – Corrected method from ASTM D3421 to CPSC-CH-C1001.09.2. From Fall 2012, phthalates will apply to adult products as well. 12) Heavy Metals – Corrected method from ASTM F 963-07 to ASTM F 963-08.	August 2011/Amy Her
906-3	1) Added packaging review 2) Added fabric weight test 3) Added yarn size and product size to the initial testing package 4) For formaldehyde test included “if positive/inconclusive proceed with step 2” also updated requirement for children to 20 ppm 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 fragile trim requirement to attachment strength test for tier 1, tier 2 and tier 3 8) Updated test method for Resistance to saliva to 64 LFGB B82.92-3 Part 1 9) Updated test method for toxicology tests	January 2014/Kristi Sachs
906-4	1. For packaging review added that artwork can be submitted as well as updated the product size to be if applicable	September 2014/ Kristi Sachs
906-5	1. Removed pricing from protocol	October 2014/ Elaine Smaczniak

906-6	1. Updated format 2. Update pH value to include whites and all other colorways 3. Added Lead, Cadmium, and Phthalate testing for children 4. Updated formaldehyde for children up to 5T 5. Added Prop 65 testing	November 2017/Charlene Swanson
906-7	1. Updated formaldehyde testing to be most current 2. Updated phthalates requirements	February 2018/Charlene Swanson
906-8	1. Updated pH value to 5.0-8.0 (no tolerance) 2. Updated Soluble Heavy Metals to ASTM F 963-17 3. Updated phthalates under Washington State Law to include coated materials	October 2018/Charlene Swanson
906-9	1. Updated Washington State Law requirements	December 2018/Charlene Swanson
906-10	1) Updated Tracking Label to include Adult Tracking Label requirements	March 2019/Jackie Deppisch
906-11	1) Updated Adult Tracking Label to be marked as DATA ONLY	March 2019/Jackie Deppisch
906-12	1) Added Import Permit label requirement 2) Updated phthalates testing requirements for max and individual totals	April 2019/Charlene Swanson
906-13	1) Updated Attachment Strength requirements	August 2019/Charlene Swanson
906-14	1) Removed "all garments" from attachment strength 2) Removed plastic hanger loops testing from attachment strength	September 2019/Charlene Swanson
906-15	1) Updated Adult Tracking Label to REQUIRED	March 2020/ Jackie Deppisch
906-16	1) Added Children's Safety section with products having child's appeal, updated contact information for adult tracking label requirements	July 2020/Charlene Swanson
906-17	1) Removed Children's Safety section and added header to use protocol 601 for child's appeal products, added folding mechanisms and hinges testing, added hinge durability, and flammability to vinyl material.	August 2020/Charlene Swanson
906-18	1) Added test line: fabric defects, tension test for removal of components, velcro fastener strength, velcro fastener test, and holding durability.	October 2020/Charlene Swanson
906-19	1) Added test line for all performance claims	March 2022 / Becky Becker
906-20	1) Added clarity for pH value testing as not applicable for non-woven materials	September 2022/Charlene Swanson
906-21	1) Added test line for regulatory supplemental softline protocol	November 2022/Charlene Swanson
906-22	Updated ASTM F963 to remove the year	February 2023/Kevin Makocy