

Protocol 803-28

Pot Holders/Oven Mitts/Pot Holder Sleeves

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
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
Count	ASTM D 3887, ASTM D 3775 AATCC/ASTM TS-002	Report Actual Data
Fabric Weight	ASTM D 3776	±5% max. deviation from contracted weight. (ounces/sqyd)
Product Size	Kohl's TM-8	If claimed on packaging: Refer to applicable Minimum Construction Standard doc (under TD tab) for tolerances, OR if not listed in Min Construction Standards: +3% max -0% max If not claimed on packaging: Report Actual

Yarn size	ASTM D 1059	± 5% max deviation from contracted yarn size	
Flammability	ASTM D 1230	Class 1	
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 - 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.	
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	
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 Laundering	AATCC 150 (after 3 washes) (Length x Width) Tide® Powder Detergent	±5% max	
Appearance Retention	AATCC/ASTM TS-008 Modified Tide® Powder Detergent	Must meet all applicable Kohl's Appearance Evaluation Requirements	
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	
Strength & Durability			
Seam Strength	ASTM D 1683 (wovens)/ ASTM D 3786 (knits)	Wovens	20 lbs/sq inch min
		Knits	30 lbs/sq inch min

Temperature Resistance <i>Pot Holders and Oven mitts only</i>	Kohl's TM-29	If temperature is called out on packaging, sample must pass at least 50° above what is claimed on packaging. (i.e., packaging claims: "Heat Resistant up to 450° F", sample must pass up to 500°F). Temperature <120°F for initial 30 seconds of the test. No melting or burning after 30 seconds at each temperature (350°F, 400°F, 450° F, 500°F, 550°F). Evaluate the face of the sample for the color change rating (face in contact with the heat source). For claims of 350°F, please reach out to Kohl's PI team. Shade Change: Grade 4.0 min. at 300°F, 350°F, & 400°F. Grade 3.5 min. at 450°F, 500°F, & 550°F.
		Must meet at least 350°F (No claims on product) Pass/Fail rating for 350°F & 400°F
		Must meet at least 450°F (For product claims of 400°F) Pass/Fail rating for 350°F, 400°F, & 450°F Must meet at least 500° (For product claims of 450°F) Pass/Fail rating for 350°F, 400°F, 450°F, & 500°F
		Must meet at least 550°F (For product claims of 500°F) Pass/Fail rating for 350°F, 400°F, 450°F, 500°F, & 550°F
Performance Test	Test Method	Requirement
Attachment Strength* A) Applies to all Rings/Sliders B) Applies to Buttons, Snaps, Small Parts, Belt Loops, Zipper Tab, etc. C) Applies to Plastic 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
ADDITIONAL COLORWAY TESTING		
Flammability	ASTM D 1230	Class 1
Formaldehyde - Adults & Children over 5T	Kohl's TM-5 JIS L 1041:2011 – Sec. 8.1.3 & 8.1.3 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.
pH Value	AATCC 81	All colorways: 5.0-8.0 (No Tolerance)
Appearance Retention	AATCC/ASTM TS-008 Modified Tide® Powder Detergent	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> 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.
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 963-17	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			

<p>Minimum Sample Size Necessary for Testing</p> <p>Initial Package Pot Holders/Oven Mitts = 23 finished products Aprons = 8 finished products</p> <p>Additional Colorways Pot Holders/Oven Mitts = 14 finished products Aprons = 6 finished products</p> <p>Toxicology Testing Consult with Testing Lab for the number of samples</p> <p>Additional samples may be needed for items that contain two care instructions, i.e. <i>"For Best Results, Dry Clean"</i>. Please consult with testing lab for the number of samples.</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>
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PROTOCOL REVISION	DESCRIPTION OF CHANGE	DATE REVISION/ APPROVED BY
803-1	<ol style="list-style-type: none"> 1. Label review – added 16 CFR 300/ 19 CFR 134 and verify information on TRF matches the label 2. Added tracking label 3. Updated requirement for fabric weight to be reported in oz/sq yd 4. Formaldehyde Spot Test – Method changed from Intertek USA #416 to Kohl's TM-5. 5. Updated requirements for seam strength 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
803-2	<ol style="list-style-type: none"> 1) Added Ultra to the Tide® detergent 2) Added packaging review 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) Attachment strength included, evaluate small parts and added requirement for fragile trims for tier 1, tier 2, & tier 3 8) Updated test method for toxicology tests 	January 2014/Kristi Sachs
803-3	<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 	August 2014/ Kristi Sachs
803-4	<ol style="list-style-type: none"> 1. Removed pricing from protocol 	October 2014/
803-5	<ol style="list-style-type: none"> 1. Added phthalates requirement for adults 	December 2014/ Jackie Deppisch
803-6	<ol style="list-style-type: none"> 1. Added Temperature Resistance test to protocol 	June 2015/ Jackie Deppisch
803-7	<ol style="list-style-type: none"> 1. Updated product size to include Tech Design's Minimum Construction Standard tolerances 	September 2015/Jackie Deppisch
803-8	<ol style="list-style-type: none"> 1. Updated Temperature Resistance test method to Kohl's TM-29 	November 2015/Jackie Deppisch
803-9	<ol style="list-style-type: none"> 1. Updated requirement for Temperature Resistance test method (Kohl's TM-29) 2. Updated Samples needed for initial package testing 	March 2016/Becky Becker

803-10	Updated ALL Adult products 1. < 0.1% (1000 ppm) in each part of DEHP, BBP, DBP, DINP, to include DINP	June 2016/Dana Leair
803-11	1. Updated format 2. Update pH value to include whites and all other colorways 3. Added Lead, Cadmium, and Phthalate testing for children 4. Added Colorfastness to Water test to protocol	August 2017/Charlene Swanson
803-12	1. Updated page 3 with correct title	January 2018/Charlene Swanson
803-13	1. Updated formaldehyde test to be most current 2. Updated Tide detergent to be correct 3. Added Prop 65 testing 4. Updated phthalates testing requirements	February 2018/Charlene Swanson
803-14	1. Updated pH value to 5.0-8.0 (no tolerance) 2. Updated phthalates for Washington law to included coated materials 3. Updated Soluble Heavy Metals to ASTM F 963-17	October 2018/Charlene Swanson
803-15	1. Updated Tracking Label to include Adult Tracking Label requirements	March 2019/Jackie Deppisch
803-17	1. Updated Adult Tracking Label to be marked as data only 2. Updated phthalates testing requirements for max and individual totals	May 2019/Charlene Swanson
803-18	1. Updated Temperature Resistance requirements (Kohl's TM-29) to match test method	July 2019/Charlene Swanson
803-19	1. Updated attachment strength requirements and added regulatory testing for ages 0-5T	August 2019/Charlene Swanson
803-20	1) Updated Attachment strength for both performance and regulatory	August 2019/Charlene Swanson
803-21	1) Removed "all garments" from attachment strength 2) Updated requirements to match Kohl's TM-29 testing for Temperature Resistance	September 2019/Charlene Swanson
803-22	1) Updated Adult Tracking Label to REQUIRED	March 2020/Jackie Deppisch
803-23	1) Updated adult tracking label contact information and updated temperature resistance requirements	September 2020/Charlene Swanson
803-24	1) Removed Tiering for temperature resistance	August 2021/Charlene Swanson
803-25	1) Added test line for all performance claims	March 2022 / Becky Becker
803-26	1) Added test line for regulatory supplemental protocol for soft home	November 2022/Charlene Swanson
803-27	1) Removed apron from the protocol	December 2023/Charlene Swanson
802-28	Removed year from ASTM F963 test	Violet Nelson / Feb 2024