

Protocol 803-29

Pot Holders/Oven Mitts/Pot Holder Sleeves

| Performance Test | Test Method | Requirement |
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| 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) |

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| 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 |

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| <p>Temperature Resistance <i>Pot Holders and Oven mitts only</i></p> | <p>Kohl's TM-29</p> | <p>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.</p> <p>Must meet at least 350°F (No claims on product) Pass/Fail rating for 350°F & 400°F</p> <p>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</p> <p>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</p> |
| <p>Performance Test</p> | <p>Test Method</p> | <p>Requirement</p> |
| <p>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</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: No detachment at 5 lbs. DATA ONLY: Report the point at which the trim fails, or if there is no detachment at 50 lbs.</p> <p>D) REQUIREMENT: 5 lbs. for 10 seconds minimum</p> |
| <p>ADDITIONAL COLORWAY TESTING</p> | | |
| <p>Flammability</p> | <p>ASTM D 1230</p> | <p>Class 1</p> |
| <p>Formaldehyde - Adults & Children over 5T</p> | <p>Kohl's TM-5 JIS L 1041:2011 – Sec. 8.1.3 & 8.1.3 Method A or B</p> | <p>Negative, If Spot Test is Positive/inconclusive, proceed with step 2 Children over 5T & Adults = 75 ppm max.</p> |
| <p>Formaldehyde - Children's 0-5T</p> | <p>JIS L 1041:2011 – Sec. 8.1.3 & 8.1.4 Method A or B</p> | <p>Children's 0-5T = 20 ppm max.</p> |
| <p>pH Value</p> | <p>AATCC 81</p> | <p>All colorways: 5.0-8.0 (No Tolerance)</p> |
| <p>Appearance Retention</p> | <p>AATCC/ASTM TS-008 Modified Tide® Powder Detergent</p> | <p>Must meet all applicable Kohl's Appearance Evaluation Requirements</p> |

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| Colorfastness to Chlorine Bleach AND Non-Chlorine Bleach | AATCC/ASTM TS-001 | Shade Change | Grade 4 min. |
| Colorfastness to Crocking | AATCC 8/116 | <p><u>All fabrics/dyes (except listed below):</u> Dry - Grade 4 min Wet - Grade 3 min</p> <p><u>Pigment Dyed/Printed, Direct Dye, Vat Dye, Sulfur, Lightly Brushed, Piled, Indigo:</u> Dry - Grade 3.5 min Wet - Grade 2 min</p> | |
| 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 | <p>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</p> <p>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</p> | |
| Soluble Heavy Metals * Applies to Children’s Toys | ASTM F 963 | <p>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</p> <p>Mercury - 60 ppm Barium - 1000 ppm Antimony - 60 ppm Cadmium - 75 ppm Arsenic - 25 ppm Chromium - 60 ppm Selenium - 500 ppm Lead - 90 ppm</p> | |
| 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 | <p>Lead and Cadmium EPA SW 846 Method # 3050B/3051 (Mod.) / CPSCCH-E1003-09.1/ CPSC- CHE1002-08.1 / CPSC-CHE1001- 08.1</p> <p>Phthalate CPSC-CHC1001-09.3</p> | 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

Initial Package

Pot Holders/Oven Mitts = 23 finished products Aprons = 8 finished products

Additional Colorways

Pot Holders/Oven Mitts = 14 finished products Aprons = 6 finished products

Toxicology Testing

Consult with Testing 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 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 |
|-------------------|--|-----------------------------------|
| 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/ Elaine Smaczniak |
| 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 2. Updated Product Size requirements | 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 | <p>Updated ALL Adult products</p> <ol style="list-style-type: none"> 1. < 0.1% (1000 ppm) in each part of DEHP, BBP, DBP, DINP, to include DINP | June 2016/Dana Lear |
| 803-11 | <ol style="list-style-type: none"> 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 | <ol style="list-style-type: none"> 1. Updated page 3 with correct title | January 2018/Charlene Swanson |
| 803-13 | <ol style="list-style-type: none"> 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 | <ol style="list-style-type: none"> 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 | <ol style="list-style-type: none"> 1. Updated Tracking Label to include Adult Tracking Label requirements | March 2019/Jackie Deppisch |
| 803-17 | <ol style="list-style-type: none"> 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 | <ol style="list-style-type: none"> 1. Updated Temperature Resistance requirements (Kohl's TM-29) to match test method | July 2019/Charlene Swanson |
| 803-19 | <ol style="list-style-type: none"> 1. Updated attachment strength requirements and added regulatory testing for ages 0-5T | August 2019/Charlene Swanson |
| 803-20 | <ol style="list-style-type: none"> 1) Updated Attachment strength for both performance and regulatory | August 2019/Charlene Swanson |

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| 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 |
| 803-28 | 1) Removed year from ASTM F963 test | Violet Nelson / Feb 2024 |
| 803-29 | 1) Updated formatting | Kevin Makocy / Jan 2025 |