

PROTOCOL # 1103-6

Pet Blankets/ Comforters/ Coverlets/ Duvets/ Quilts/ Throws

| 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 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 |
| Tracking Label: Pet 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) |
| 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) -Age Range (applicable to infant swaddle blankets) -Not intended for Sleep (applicable to infant swaddle blankets) 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. |
| Illinois Lead Poison Prevention Act | 410 ILCS 45 | Warning required, if any accessible component of a childcare article contains lead between 40 ppm and 100 ppm total weight, or between 40 ppm and 90 ppm surface coating |
| 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. |
| 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 |
| 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 *If recycled fill is called out on label, this should be an automatic fail |
| Count | ASTM D 3775/ ASTM 3887/ AATCC/ASTM TS-002 | Report Actual Data |
| Fabric Weight | ASTM D 3776 Option C | Contracted Weight: +/- 5% max (oz/sqyd) deviation Option C unless otherwise agreed in the final product specification (ie: Option A, B, or C) |
| 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 |
| Yarn Size | ASTM D 1059 | Contracted Yarn Size: +/- 5% max deviation |

| | | |
|---|---|--|
| Product Weight | ASTM D 3776 | Report Actual (lbs, ounces) Test on all sizes |
| Weight of Fill or Down (filled products only) | Kohl's TM-24 | Contracted Weight: +/- 5% max (oz/sqyd, lbs, oz.) deviation |
| Flammability (shell cover only) | ASTM D 1230 | Class 1 |
| Flammability (non-filled blanket/ duvets) | ASTM D4151 | Class 1 |
| Lint Loss | Kohl's TM-4 | Lint Loss: 1% maximum for 1 blanket/duvet/quilt/throw |
| Analytical | | |
| Tech Pack Verification* (Needs to be provided - Lab HOLD if not provided) <i>*Applicable for Sonoma brand only (not applicable for Sonoma Community® or Jammies For Your Families®)</i> | Visual Check | Verify all claims mentioned in Tech Pack file |
| Formaldehyde - Pets | 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 Pets = 75 ppm max. |
| 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 |
| pH Value | AATCC 81 | All Colorways 5.0 - 8.0 (No tolerance) |
| CA Prop 65* | Refer to protocol 1300 | All samples shall be reviewed against the requirements of California Prop 65 |
| 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 | Tier 1 |
| | | Wovens/Gauze/Waffle/ -6% max |
| | | Flannel -6% max |
| | | Knits -8% max |
| | | Dry Cleaning -2% max |
| | | Growth +2% max |
| | | Tier 2: Use same requirements as Tier 1, evaluate after 3 and 5 washes or 1 dry clean |
| 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) N/A to shams- data only required for shams | ASTM D 1683 | | Tier 1 |
| | | All seams and seam slippage: | 25 lbs min |
| | | Tier 2: Use same requirements as Tier 1, evaluate original stat & after 5 washes or 1 dry clean | |
| Bursting Strength (knits only) N/A to shams- data only required for shams | 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 stat & after 5 washes or 1 dry clean | |
| 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 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> | |
| Colorfastness to Chlorine Bleach AND Non-Chlorine Bleach | AATCC/ASTM TS-001 | Shade Change | Grade 4 min |
| ADDITIONAL COLORWAY TESTING | | | |
| Flammability (shell cover only) | ASTM D 1230 | Class 1 | |
| Flammability (non-filled blanket/ duvets) | ASTM D4151 | Class 1 | |
| 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> <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> |
| Formaldehyde - Pets | 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 Pets = 75 ppm max. |
| pH Value | AATCC 81 | All Colorways 5.0 - 8.0 (No tolerance) |
| OPTIONAL TESTING - (Required where applicable at additional cost) | | |
| Attachment Strength* A) Applies to all Rings/Sliders B) Applies to Buttons, Snaps, Small Parts, Belt Loops, Zipper Tab, etc. C) Pets: 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: Pets: 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 |
| Resistance to Saliva for Children's Products (Pets included) | 64 LFGB B82.92-3 Part 1 (Mod) | Color Change : Grade 4 min Staining: Grade 4 min |
| Sharp Points & Sharp Edges * | CPSC 16 CFR 1500.48 - 49 | No sharp points or sharp edges – Refer to Product Safety Policy |
| 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 |

| | | |
|---|---|---|
| Torque Tests for Removal of Components (Pet products only) * | ASTM F 963 (Table 5) | 16 CFR 1500. No safety hazards |
| Tension Test for Removal of Components (Pet products only) * | ASTM F 963 (Table 5) | 16 CFR 1500. No safety hazards |
| Small Parts | 16 CFR 1501 | No small part original and after torque and tension tests - Refer to CPSIA |
| 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 mcg |
| 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 191 A Method 5530 | Satisfactory |
| OPTIONAL TESTING - TOXICOLOGY TESTING (required where applicable at additional cost) | | |
| Lead Content in Surface Coating - Scrapeable in each color* | CPSC-CH-E1003-09.1 | Pet Products ≤ 90 ppm (0.009% total weight) |
| Total Lead in Substrate Material* | CPSC-CH-E1002-08.3/ CPSC-CH-E1001-08.3 | Pet products - 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 Pet 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 Pet's Toys | ASTM F 963 | Pet'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 (including pets):</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-CHC1001-09.3</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> | |
| | | Substances | Suggested materials |
| | | Lead | Follow CPSC lead |
| | | Cadmium | Follow CPSC lead |
| | | Phthalates | Coating & Plasticized materials |
| <p>The Washington standard cannot be enforced for products to which a federal standard applies.</p> | | | |

(*) asterisk = ALL COLORWAYS MUST BE TESTED

Minimum Sample Size Necessary for Testing

Recommended Size – Queen Size

Initial Package

Bed skirt/Bedsread/Blankets/Bumper Pads/ Comforters/
Coverlets/Duvets/Quilt/Throws/Infant Swaddle Blankets = 3 finished products + 1 yard of fabric

Pillow Covers = 5 finished products + 1 yard of fabric

Additional Colorways

Bed skirt/Bedsread/Blankets/Bumper Pads/ Comforters/
Coverlets/Duvets/Quilt/Throws/ Infant Swaddle Blankets = 2 finished products

Shams / Pillow Covers = 4 finished product

Pillow Covers = 2 finished product + 1 yard of fabric

Down Products = 4 finished products

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

Down products are to be subcontracted to IDFL labs. Turn around time will be advised.

Turn Around Time = 4-5 working days

Toxicology Testing = 6 working days

Turnaround Time for Down Products = 8 days

| PROTOCOL VERSION | DESCRIPTION OF CHANGE | DATE REVISION/ APPROVED BY |
|-------------------------|---|---------------------------------------|
| 1103-1 | 1) Protocol launch | March 2021/Charlene Swanson |
| 1103-2 | 1) Updated tiering requirements, removed Tier 3 | August 2021/Charlene Swanson |
| 1103-3 | 1) Added test line for all performance claims | March 2022 / Becky Becker |
| 1103-4 | 1) Added Softlines Regulatory Supplemental Protocol to be referenced during testing | Nov 2022/ Elizabeth Armstrong |
| 1103-5 | 1) Updated Tech Pack verification test line | February 2023/Charlene Swanson |
| 1103-6 | Updated ASTM F963 to remove the year | February 2024 / Kevin Makocy |