

**PROTOCOL # 927-B**

**Patch / Iron-On Decal (Fabric / Non-Fabric)**

Performance Test	Test Method	Samples	Test Principle/Requirements	Rating (Section or exec. Summary which failed items can be referenced)
<b>Labeling Verification</b>				
Labeling / Packaging Review	FPLA 16 CFR 500 & 19 CFR 134	All Samples	Shall be legibly marked with the following information: -Distributor's name, trademark or other means of identification of the manufacturer or packer & 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)	
Verify Label Claims	Visual Check/ Performance Claims	All Samples	The labeling must be valid and comply with all claims.	Claim: Actual:
Import Permit (For Natural Materials Only)	US Department of Agriculture Animal and Plant Health Inspection Service (APHIS), Plant Protection and Quarantine (PPQ)	All Samples	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: <a href="https://www.aphis.usda.gov/wps/portal/aphis/home/">https://www.aphis.usda.gov/wps/portal/aphis/home/</a> It is the vendor's responsibility for the compliance to relevant requirements.	
Adult Tracking Label **If space limitations exist, contact Kohl's Quality Assurance & Product Integrity teams to discuss minimum required information (MR.QA.PI@kohls.com)	Kohl's Requirement	All Samples	Can be included on packaging when necessary: Kohl's Assigned Factory Number Manufacture Date (Month/Year) UPC #	
Dimensions	FPLA/ UPLR	3 Samples	As claimed/ measured (+3% / -0%)	Claim: Actual:
Softlines Regulatory Supplemental Protocol	Refer to Protocol 501	All Samples	All samples shall be reviewed against the requirements of the Softlines Regulatory Supplemental Protocol to determine if additional testing or labeling is required.	
Claim Verification	Visual Check / Actual Use	1 Sample	All designs and features must conform to actual claim	Claim:
Instructional Literature	Visual check	All Samples	Shall provide safe use, or proper assembly or both, and care instruction. Shall be legible and easy to read.	Provided: Verified: Not Provided:
<b>Physical Properties</b>				
Dimensions - Length x Width	Standard Measure	1 Sample	Report overall dimensions; shall meet label claims (if applicable) (-0% / +5%)	
Dimensions - Thickness	Standard Measure	1 Sample	Report overall thickness; shall meet label claims (if applicable) (-0% / +5%)	
Weight	Standard Measure	1 Sample	Report overall weight; shall meet label claims (if applicable) (-0% / +5%)	
<b>Workmanship</b>				
Kohl's Workmanship Review	Visual Check / Actual Use	1 Sample	All components shall be provided as claimed and shall not be deformed or fractured. All hardware shall be provided All welds shall be smoothly finished and free from pits and splatter All components shall not contain any burrs or sharp edges (test by touch or sight) Product shall not contain any loose components or unsecured fastening where rigidity is required	

Sharp Points & Sharp Edges*	CPSC 16 CFR 1500/48-49	All Samples	No sharp points or sharp edges - Refer to Product Safety Policy	
Defects	Visual Check	All Samples	Shall have no discernible surface degradation, including: crazing, shivering, denting, bubbles, cracks, stains, deformations, chips, fractures, heavy lines, waves, shear marks, scratches, scuff marks, indentations, or blisters	
<b>PERFORMANCE</b>				
Actual Use - Functionality	Actual Use	1 Sample	Shall function as intended as received. Report details of evaluation (Features tested / methods used / materials used / etc). Report any features not evaluated.	
Effects of Extreme Temperature / Humidity (Environmental)	Kohl's TM 30	1 Sample	24 hours @ 0°F (-18°C) and 24 hours @ 95% RH/120°F (49°C). No failure or adverse effect. No color change and no adverse effects.	
Breaking Strength of textile fabrics	ASTM D5034	3 Samples	Label only: 10 gf minimum Label and Backing: 10.0 gf minimum, if applicable	
Tearing Strength	ASTM D1424	3 Samples	Label only: 10 gf minimum Label and Backing: 50 gf minimum, if applicable	
Iron on transfer	Actual Use	3 Samples	Shall transfer ink as per the instructions provided. No damage to transfer and item. Dark Transfer (using black and red shirts) -100% Cotton, 50/50 Cotton/Synthetic Blend Light Transfer (using white and yellow shirts) -100% Cotton, 50/50 Cotton/Synthetic Blend	
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)	1 Sample	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	
<b>Dimensional Change</b>				
Dimensional Stability to Home Laundering or Dry-Cleaning  (entire sample to be washed)	AATCC 135 (after 3 washes) / AATCC 158 (1 cycle)  Tide Powder Detergent	1 Sample	+/-3%	
Appearance Retention	AATCC/ASTM TS-008 Modified	1 Sample	Must meet all applicable Kohl's Appearance Evaluation Requirements	
Iron on transfer washability (for iron on decals only)	AATCC/ASTM TS-008 Modified	1 Shirt / per color	Wash one of each type with transfer 3 times per instructions supplied. If no instructions provided, machine wash cold, gentle (delicate) / tumble dry (low) one of each type fabric with each type ink transfer 3 times (shirt inside out). Report adverse effects or visual change as data only.	
<b>Colorfastness</b>				
Colorfastness to Crocking	AATCC 8/116	1 Sample	All fabrics/ dyes (except listed below): Dry - Grade 4 min Wet - Grade 3 min  Pigment Dyed/ Printed, Direct Dye, Vat Dye, Sulfur, Lightly Brushed, Piled, Indigo: Dry - Grade 3.5 min Wet - Grade 2 min	
Colorfastness to Chlorine Bleach AND Non-Chlorine Bleach	AATCC/ASTM TS-001	1 Sample	Shade Change - Grade 4 min	
Colorfastness to Water	AATCC 107	1 Sample	Shade Change: Grade 4 min Self Staining: Grade 4 min Staining: Grade 3.5 min	

Colorfastness to Light	AATCC 16 Option 3 10 AFU & 20 AFU	1 Sample	All Colors (except listed below): Shade Change: 10 AFU: Grade 4.0 min 20 AFU: Grade 3.5 min.  Neons/Brights/Whites/Pastels: Shade Change: 10 AFU: Grade 3.5 min 20 AFU: Grade 3.0 min	
<b>ANALYTICAL</b>				
Flammability	16 CFR 1610	1 Sample	Class 1	
Flammability - Solids	16 CFR 1500.3(c)(6)(vi) / 16 CFR 1500.44	1 Sample	Shall not exceed the maximum allowable limit no greater than 0.1 inches per second	
CA Prop 65* (if applicable)	Refer to protocol 1300	All Samples	All samples shall be reviewed against the requirements of California Prop 65	
Formaldehyde - Adults & children over 5T	Kohl's TM-5 JIS L 1041:2011- Sec. 8.1.3 & 8.1.4 Method A or B	All Samples	Negative, If Spot Test is Positive/ inconclusive, proceed with step 2 Children over 5T & Adults = 75 ppm max.	
pH value	AATCC 81	All Samples	All Colorways 5.0 - 8.0 (No tolerance)	
PFAS Supplemental Protocol (1600)	Refer to Protocol 1600	All Samples	All samples shall be reviewed against the requirements of PFAS Supplement Protocol to determine if additional testing or labeling is required	
<b>Toxicology Testing (required where applicable at additional cost)</b>				
*Lead In Scrapable Surface Coating	ASTM E1613/E1645	1 Sample	≤90 ppm (0.009% by weight)  (CPSA – 16 CFR 1303)	
Total Lead in Substrate Material*	CPSC-CH-E1002-08.3/ CPSC-CH-E1001-08.3	1 Sample	Children 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	1 Sample	<b>Applies to ALL Children's Products</b> ≤ 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  <b>ALL Adult products</b> ≤ 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	1 Sample	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-CH-C1001-09.3	All Samples	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.	
			<b>Substances</b>	<b>Suggested materials</b>
			Lead	Follow CPSC lead
			Cadmium	Follow CPSC lead
			Phthalates	Coating and Plasticized materials

The Washington standard cannot be enforced for products to which a federal standard applies.

**PRICING AND ADDITIONAL NOTE:**

**\*Please refer to Kohl's preferred third party labs for individual pricing and sample size.**

PROTOCOL VERSION	DESCRIPTION OF CHANGE	Revised By	Approved By
927-A	Initial Launch	Charlene Swanson / May 2023	Charlene Swanson / May 2023
927-B	Removed year from ASTM F963	Charlene Swanson / February 2024	Charlene Swanson / February 2024