

206-21

Vinyl/Synthetic/Imitation/ Faux Leather Apparel

PERFORMANCE	TEST METHOD	REQUIREMENT
Label Verification		
Label Review	Care Label 16 CFR 423	Fiber Content, Care, Country of Origin, Manufacturers Registration Number, Wool Products Registration Number must meet Federal Standards
	Textile Fiber Products Identification Act 16 CFR 303 Wool Product Labeling Act-16 CFR 300 Fur Products Labeling Act – 16 CFR 301 Fur Product Identification Act – 15 U.S.C.69	If label is not sewn to garment, artwork of the proposed care/content label 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
Adult Tracking Label: **If space limitations exist, contact Kohl's Quality Assurance & Product Integrity teams to discuss minimum required information (quality.assurance@kohls.com, product.integrity@kohls.com).**	Kohl's Requirement	Refer to Kohl's Tracking Label Section in the Labeling Guideline Policy. To be marked as Pass/Fail Kohl's Assigned Factory Number Manufacture Date (Month/Year) UPC #
Fiber Content [For filled garments, garments with lining, faux fur trim, etc., if previously not tested]	AATCC 20/20A Textile Fiber Products Identification Act 16 CFR 303 Wool Product Labeling Act-16 CFR 300 Fur Products Labeling Act – 16 CFR 301 Fur Product Identification Act – 15 U.S.C.69	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	16 CFR 1610 16 CFR 1611	Class 1 Test non-exempt fabrics must be tested in every color < 1.2 inch/sec
Performance Claims Protocol (401)	Refer to Protocol 401	All samples shall be reviewed against the requirements of the Performance Claims 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.
Construction Quality		
Monofilament Thread (applicable to children only)	Visual	No monofilament thread allowed
Drawstrings and/or Ties (Children's of ALL ages)	ASTM F 1816-97	Must Comply with Kohl's Safety Requirement where specified
Fragile Trims	Visual	Sizes 0-5T: Must comply with Kohl's Safety Requirement Sizes over 5T & Adult: Report Actual Findings
Zipper Guard	Visual	Present – Refer to Product Safety Policy
Hook & Loop Fasteners	Visual	Must have rounded corners – Refer to Product Safety Policy
Sharp Points & Sharp Edges	CPSC 16 CFR 1500.48 - 49	No sharp points or sharp edges – Refer to Product Safety Policy
Physical Properties		
Fabric weight	ASTM D 3776	Deviation from contracted weight (gsm or oz/sq yd): +/-5% max
Fabric Thickness	ASTM D 1777	Deviation from contracted thickness : +/-5% max
Dimensional Change to Home Laundering, Dry Cleaning or Hand Wash or Spot Clean	AATCC 135/AATCC 158 (3 cycles) AATCC LP2 (Length X Width) Tide ® Powder Detergent	Home Laundering Shrinkage 3% x 3% Max Growth 1 % x 1 % Max Dry Cleaning Shrinkage 2% x 2% Max Growth 1 % x 1 % max Differential shrinkage for All - 2% max
Appearance Retention	AATCC/ASTM TS-008 Modified Ultra Tide ® Powder Detergent	Must meet all applicable Kohl's Appearance Evaluation Requirements
Tensile Strength	ASTM D 5034	35 lbs x 35 lbs min
Seam Strength	ASTM D 1683	Apparel: Imitation Leather / Vinyl : 40 lbs min ; Textile : 20 lbs min Accessories: Imitation Leather / Vinyl :30 lbs min ; Textile : 15 lbs min Functional Pockets- Seam Strength 15 lbs Non-Functional Pocket- Seam Strength Data
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 (for all garments): 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
Sticking in Storage	AATCC 163 modified Use option II with no wet out and no multi-fiber or white fabric. Place two layers of vinyl face to face in tester. Evaluate to determine if layers stick together	No sticking together of layers (Visual Evaluation)
Material Identification (Leather vs Imitation Leather)	16 CFR 24	Refer Labeling guidelines
Colorfastness Properties		

Colorfastness to Crocking	AATCC 8/116 Original State If results fail in original state, perform after 1 Wash/Dry Cycle	All fabrics :	
		dry	4.0
		wet	3.0
Colorfastness to Chlorine AND Non-Chlorine Bleach	AATCC/ASTM TS-001	Shade Change: Grade 4 min	
Analytical Test			
Formaldehyde	Kohl's TM-5 (only for 4 years and up)	Negative, If Spot Test is Positive, proceed with step 2	
	JIS L 1041:2000 – Sec. 5.3.1 (2) Method B, JIS Water Extraction Method	Children over 4 years & Adults = 75 ppm max. Children's 0-5T = 20 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	AATCC 81	5.0 -8.0 (Zero tolerance)	
ADDITIONAL COLORWAY TESTING			
Flammability	16 CFR 1610	Class 1 Test non-exempt fabrics must be tested in every color	
	16 CFR 1611	< 1.2 inch/sec	
Formaldehyde	Kohl's TM-5 (only for 4 years and up)	Negative, If Spot Test is Positive, proceed with step 2	
	JIS L 1041:2000 – Sec. 5.3.1 (2) Method B, JIS Water Extraction Method	Children over 4 years & Adults = 75 ppm max. Children's 0-5T = 20 ppm max.	
pH Value	AATCC 81	5.0 -8.0 (Zero tolerance)	
Appearance Retention	AATCC/ASTM TS-008 Modified Ultra Tide ® Powder Detergent	Must meet all applicable Kohl's Appearance Evaluation Requirements	
Colorfastness to Crocking	AATCC 8/116 Original State If results fail in original state, perform after 1 Wash/Dry Cycle	All fabrics (except listed below):	
		dry	4.0
		wet	3.0
Colorfastness to Chlorine AND Non-Chlorine Bleach	AATCC/ASTM TS-001	Shade Change: Grade 4 min	
REQUIRED WHERE APPLICABLE AT ADDITIONAL COST			
Kohl's Durability Evaluation *	Kohl's Durability Evaluation Tide ® Powder Detergent	Fragile trims, heat transfer & screen prints - Must meet all applicable Kohl's Durability Evaluation Requirements	
Resistance to Unsnapping/Snapping Buttons (Children's of ALL ages)	ASTM D 4846	Requirement = 1.5-8 lbs. max.	
Colorfastness to Saliva * (0-36 months only)	64LFG B 82.92-3, Part 1	Staining: Grade 4.5 min.	
Top Stop Attachment Strength (Children's of ALL ages)	ASTM D 2061;22.2	Open End Zippers (2 & 3 Part Zipper Tab) Requirement = Refer to protocol 306 – Zippers	
Zipper Tab Twist (Children's Sizes 0-5T)	ASTM F 963-08	All Decorative (3 or more parts) Zipper Pulls must meet 4.0 in./lbs. minimum	
Pile Retention (Velvet, Velveteen, Velour, Corduroy, and Faux Fur)	Kohl's TM-19	Level of Pile Shedding = 3.5 Weight of Fiber Removed = 1.5%	
Nickel Content – as per kohls safety policy	Kohl's TM-18	Negative	
TOXICOLOGY TESTING – REQUIRED WHERE APPLICABLE AT ADDITIONAL COST			
Lead Content in Surface Coating – Scrapeable in each color *	CPSC-CH-E1003-09.1	Children of ALL Ages <90 ppm (0.009% total weight) Adults <90 ppm max (0.009% total weight) from Spring 2014 Refer to Kohl's Product Safety Policy for additional requirement on Composite Testing	
Total Lead in Substrate Material * (Accessible components)	CPSC-CH-E1002-08.1/CPSC-CH-E1001-08.1	Children's of ALL ages - <100 ppm max (0.010% total weight) Refer to Kohl's Product Safety Policy for additional requirement on Composite Testing	
Phthalates content	Consumer Product Safety Improvement Act of 2008 / 16 CFR 1307 / CPSC-CH-C1001-09.4 (Mod)	Children's toys and childcare articles, before and after use and abuse testing, shall not contain concentrations of more than 0.1% BBP, DBP, DEHP, DINP, DIBP, DPENP, DHEXP or DCHP individually. Component testing is allowed. Compositing up to 3 like materials is allowed. Product manufactured and imported as of April 25, 2018 must comply.	
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.) / CPSC-CH-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% (DEHP, BBP, DBP, DINP, DIDP, DnHP, DnOP, DIBP, DnPP or DCHP) (individually or in combination)	
		Note: Actual test would be performed on below suggested accessible materials.	
		Substances	Suggested materials
		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.	
(*) asterisk = ALL COLORWAYS MUST BE TESTED			
PRICING AND ADDITIONAL NOTE: *Please refer to Kohl's preferred third party labs for individual pricing and samples needed.			

PROTOCOL VERSION	DESCRIPTION OF CHANGE	DATE REVISION / APPROVED BY
206-5	<ol style="list-style-type: none"> 1. Formaldehyde – Modified JIS method to Water Extraction. Updated Children 0-4T req. from 0.05 Absorbency to 20 ppm. 2. Lead in Surface Coating – Updated Adult req. from 600ppm to 90 ppm. 3. Heavy Metals – Updated year of test method from 2008 to 2011. Test applies to both coating and substrate. 4. Added pH Value. 5. Added Tensile Strength 	September 2013 / Vinoth
206-6	Removed pricing for testing/took out Intertek/added approved lab statement	October 6th 2014/Nov. 31 2014/Leah Gross-Hutchison
206-7	Added pocket seam strength requirements	March 2016/Jackie Deppisch
206-8	Lead, Cadmium and Phthalate in Washington Children's Safe Products Act	August 2016 - Becky Becker
206-9	<ol style="list-style-type: none"> 1) Attachment Strength - Added "(Must test in original state, after 1 wash, and after 5 washes)" for sizes 0-5T. 2) Fragile Trims - updated size ranges to include 5T 3) Formeldehyde - updated size ranges to include 5T 4) Zipper Tab Twist - updated size ranges to include 5T 	February 2017 - Becky Becker
206-10	<ol style="list-style-type: none"> 1) Updated Phthalates in each plasticized part/material such as PVC, Vinyl 2) pH value updated to 5-8 no tolerance 	October 2018 - Becky Becker
206-11	1) Updated Tracking Label to include Adult Tracking Label requirements	March 2019-Jackie Deppisch
206-12	1) Separated Adult & Children tracking label	March 2019-Jackie Deppisch
206-13	1) Updated Adult Tracking to be DATA ONLY	March 2019-Jackie Deppisch
206-14	<ol style="list-style-type: none"> 1) Updated Pile Retention to ASTM D4685 2) Updated Colorfastness to saliva to be most current and for requirements to match other protocols 	March 2019 - Charlene Swanson
206-15	<ol style="list-style-type: none"> 1) Updated hand wash requirement to AATCC LP2 2) Updated Pthtalates requirement to CPSC-CH-C1001-09.4 (Mod 	April 2019 - Becky Becker
206-16	Updated attachment strength requirements, separated out by children's & adults	Aug 2019 - Elizabeth Armstrong
206-17	Revised attachment strength requirements	Aug 2019 - Elizabeth Armstrong
206-18	<ol style="list-style-type: none"> 1) Updated dry cleaning to be 3 cycles for dimensional stabilty (AATCC 158) 2) Removed Ultra from Tide detergent 	December 2019 - Charlene Swanson
206-19	1) Updated Tiering	August 2021/Jackie Deppisch
206-20	1) Added test line for all performance claims	March 2022 / Becky Becker
206-21	1) Added reference to Protocol 501	October 2022 / Kevin Makocy