

**205-23**

**Down Filled Apparel testing**

**To be used only after fabric testing has been completed**

PERFORMANCE	TEST METHOD	REQUIREMENT		
<b>Label Verification</b>				
Species Identification	IDFB 12	As listed on Label		
Label- Down Content (Feather and Down Garments Only)	IDFB 3 / USA 2000 Standard	California Plumage Regulation If Label is not sewn to garment, artwork of the proposed care/content label must be provided.		
Label Review	Care Label 16 CFR 423 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	Fiber Content, Care, Country of Origin, Manufacturers Registration Number, Wool Products Registration Number must meet Federal Standards. If label is not sewn to garment, artwork of the proposed care/content label must be provided.		
Labeling review: Utah stuffed product	Utah Code Title 4 Chapter 10 Bedding / Upholstered Furniture / and Quilted Clothing Inspection Act /Utah Administrative Code R70-101	[Applicable to garment only with concealed filling material] Vendor must provide a copy of the Vendors current Utah registration for document review. The product must be permanently labeled or stamped with the following: RN number or Manufacturer Name and Address, material type and content, country of origin Sterilization requirement  For articles that include filling of Down, Feather, or Wool a copy of the sterilization permit must be provided from the sterilizer. Sterilization permit # must be on permeant label attached to garment. It may be on care/content label or separate label. Sterilization permit to be verified against Permit # on label. The permit number will be either a PA number or a UT number. If it is a PA number they still need to register with UT.  Note: No later than January 1, 2022 product available for sale must have the permit number on the textile label. The permit number is the sterilization permit number from the sterilizer of the down, feather or wool. It will be either a UT number or a PA number. (PER. NO. UT XXXXX (two letter country abbreviation) or PA XXXX (two letter country abbreviation)).		
Tracking Label: Children's product: <b>ALL ages</b>	Consumer Product Safety Improvement Act of 2008 (CPSIA) SEC. 103	<b>Refer to Kohl's Tracking Label Section in the Labeling Guideline Policy. Following information must be provided:</b> 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 &amp; Product Integrity teams to discuss minimum required information (MR_QA.PI@kohls.com).**</i>	Kohl's Requirement	<b>Refer to Kohl's Tracking Label Section in the Labeling Guideline Policy. Marked as Pass/Fail:</b> 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	Class 1 Test non-exempt fabrics must be tested in every color		
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: <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.		
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.		
<b>Construction Quality</b>				
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	CPSA 16 CFR 1500.48 - 49	No sharp points or sharp edges – Refer to Product Safety Policy		
<b>Physical Properties</b>				
Dimensional Change to Home Laundering, Dry Cleaning or Hand Wash	AATCC 135/AATCC 158 (3 cycles) AATCC LP2 (Length X Width) Tide® Powder Detergent	<b>Home Laundering</b>		
		Shrinkage	3% x 3% Max	
		Growth	1% x 1% Max	
		<b>Dry Cleaning</b>		
		Shrinkage	2% x 2% Max	
Appearance Retention	AATCC/ASTM TS-008 Modified Tide® Powder Detergent	Growth	1% x 1% max	
		Differential shrinkage for All - 2% max		
Seam Strength/ Slippage - Wovens	ASTM D 1683 Record seam slippage at 1/4" opening of seam	<b>Functional Seams</b>	<b>Tier 1</b>	<b>Tier 2</b>
		<= 3.0 oz/sq yd	20/15	20/15
		3.1 - 6 oz/sq yd	25/15	30/20
		6.1- 9.0 oz/sq yd	25/20	35/20
		>9.0 oz / sq yd	40/20	50/20
		Functional Pockets- Seam Strength	15	15
		Non-Functional Pockets- Seam Strength	Data	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								
Penetration Resistance to Filling Material	FTMS 191 Method 5530	If applicable, apply to Down proof fabric ONLY. If no down proof fabric is provided, test on shell and lining fabric. Requirement = Satisfactory								
Down Content Analysis	IDFB 12	California Plumage Regulations								
Oxygen Number	IDFB 7	<10 mg								
Fill Power	IDFB 10 Part B – Steam Conditioning	Record Actual Data								
Turbidity Cleanliness	IDFB 11 Part A – Glass Turbidity Tube	250 mm min.								
<b>Colorfastness Properties</b>										
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): <table border="1"> <tr> <td>dry</td> <td>4.0</td> </tr> <tr> <td>wet</td> <td>3.0</td> </tr> </table> Pigment Dyed/Printed, Lightly Brushed, Sand Washed, Piled, Sulphur, Denim, Indigo & Silk blends: <table border="1"> <tr> <td>dry</td> <td>3.5</td> </tr> <tr> <td>wet</td> <td>2.0</td> </tr> </table>	dry	4.0	wet	3.0	dry	3.5	wet	2.0
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wet	2.0									
<b>Analytical Test</b>										
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								
Formaldehyde	Kohl's TM-5 (only for 4 years and up) JIS L 1041:2011 Sec. 8.1.3 & 8.1.4 Method A or B	Negative, If Spot Test is Positive, proceed with step 2 Children over 5T & Adults = 75 ppm max. Children's 0-5T = 20 ppm max.								
<b>REQUIRED WHERE APPLICABLE AT ADDITIONAL COST</b>										
Kohl's Durability Evaluation*	Kohl's Durability Evaluation Ultra 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)	64LFGB 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)	ASTM D4685 Modified Option B	Face: 250 Cycles, Grade 3.5 min. Back: 50 Cycles, Grade 3.0 min.								
Nickel Content – as per Kohl's safety policy	Kohl's TM-18	Negative								
<b>TOXICOLOGY TESTING – REQUIRED WHERE APPLICABLE AT ADDITIONAL COST</b>										
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 <table border="1"> <tr> <td>Mercury - 60 ppm</td> <td>Barium - 1000 ppm</td> </tr> <tr> <td>Antimony - 60 ppm</td> <td>Cadmium - 75 ppm</td> </tr> <tr> <td>Arsenic - 25 ppm</td> <td>Chromium - 60 ppm</td> </tr> <tr> <td>Selenium - 500 ppm</td> <td>Lead - 90 ppm</td> </tr> </table>	Mercury - 60 ppm	Barium - 1000 ppm	Antimony - 60 ppm	Cadmium - 75 ppm	Arsenic - 25 ppm	Chromium - 60 ppm	Selenium - 500 ppm	Lead - 90 ppm
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Selenium - 500 ppm	Lead - 90 ppm									
(*) 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
205-4	1) Formaldehyde – Modified JIS method to Water Extraction. 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.	Sep 2013 / Vinoth
205-6	1) Removed pricing for testing/took out Intertek/added approved lab statement	October 6th 2014/Nov. 31 2014/Leah Gross-Hutchison
205-7	1) Added functional and non functional seam strength requirements for pockets	March 2016/Jackie Deppisch
205-8	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) Formaldehyde - updated size ranges to include 5T 4) Zipper Tab Twist - updated size ranges to include 5T	February 2017 - Becky Becker
205-9	1) Updated crocking requirements to read: "Pigment Dyed/Printed, Lightly Brushed, Sand Washed, Piled, Sulphur, Denim, Indigo & Silk blends"	May 2017 Becky Becker
205-10	1) Updated Phthalates in each plasticized part/material such as PVC, Vinyl	October 2018 - Becky Becker
205-11	1) Updated Soluble Heavy Metals to have most current test 2) Updated Dimensional Change and Appearance Retention to have most current Tide detergent 3) Updated Phthalates in plasticized parts/materials	January 2019 - Charlene Swanson
205-12	1) Updated Tracking Label to include Adult Tracking Label information	March 2019-Jackie Deppisch
205-13	1) Separated Adult & Children Tracking Labels & marked Adults as DATA ONLY	March 2019-Jackie Deppisch
205-14	1) Updated Pile Retention to ASTM D4685 2) Update Colorfastness to saliva to be most current and requirements to match other protocols	March 2019 - Charlene Swanson
205-15	1) Updated phthalates content requirements to CPSC-CH-C1001-09.4 (Mod) 2) Updated hand wash test method to AATCC LP2 3) Added Import Permit test line for natural materials only	April 2019 - Becky Becker
205-16	1) Updated attachment strength requirements, separated out by children's & adults	Aug 2019 - Elizabeth Armstrong
205-17	1) Revised attachment strength requirements	Aug 2019 - Elizabeth Armstrong
205-18	1) Updated dry cleaning to be 3 cycles under dimensional stability (AATCC 158)	December 2019 - Charlene Swanson
205-19	1) Updated Adult Tracking Label to be mandatory	March 2020/Jackie Deppisch
205-20	1) Updated Tiering	August 2021/ Jackie Deppisch
205-21	1) Added Utah Sterilization requirement 2) Email updated for adult tracking labels	October 2021/Charlene Swanson
205-22	1) Added test line for all performance claims	March 2022 / Becky Becker
205-22	1) Added Reference to Protocol 501	October 2022 / Kevin Makocy