

201-51

Garment Testing

**Use this Protocol for all types of garments unless identified under its own Category
To be used only after fabric testing has been completed**

PERFORMANCE	TEST METHOD	REQUIREMENT																																								
Label Verification																																										
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.																																								
Children's Tracking Label: Children of 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: **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	Refer to Kohl's Tracking Label Section in the Labeling Guideline Policy. 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 1615/1616	Class 1 Test non-exempt fabrics must be tested in every color Pass The supplier must keep all Children's Sleepwear test records and samples for a period of 7 years.																																								
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																																										
Dimensional Change to Home Laundering, Dry Cleaning or Hand Wash (Differential Shrinkage between different fabrication should not exceed 2%)	AATCC 150 /AATCC 158 (3 cycles) AATCC LP2 (Length X Width) Tide ® Powder Detergent (maximum)	KNITS																																								
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		WOVENS: Allow 1 % Growth Only	
	AATCC 158 (3 cycles) (maximum)	Dry Clean Items:	
		Shrinkage %	2x2
		growth %	1x1
Appearance Retention	AATCC/ASTM TS-008 Modified AATCC LP2 Tide * Powder Detergent	Must meet all applicable Kohl's Appearance Evaluation Requirements	
		Torque(max)	Tier 1 Tier 2
		Knits	5% 3%
		Wovens	3% 2%
PERFORMANCE	TEST METHOD	REQUIREMENT	
Seam strength -Knits	ASTM D 3786 lb/sq.in (min)	Tier 1	Tier 2
		< /= 4.0 oz / sq yd	25 30
		> 4.0 oz/ sq yd	30 35
		Laces, Mesh	15 15
		Functional Pockets-Seam Strength	15 15
		Non-Functional Pockets-Seam Strength	Data Data
Seam Strength/ Slippage -Wovens	ASTM D 1683 lbs. (min) Record seam slippage at 1/4" opening of seam	Functional Seams	Tier 1 Tier 2
		< /= 3.0 oz/sq yd	15 20
		3 .1- 6 oz/sq yd	20 25
		6.1- 9.0 oz/sq yd	25 30
		>9.0 oz / sq yd	30 35
		Functional Pockets-Seam Strength	15 15
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Attachment Strength* A) Applies to all Rings/Sliders/Hook & Eye/Hook & crochet lace B) Applies to Buttons, Snaps, Small Parts, Belt Loops, Zipper Tab, etc. C) Applies to Hanger Loops D) Over 5T-Adult: Fragile Trims: Beads, Rhinestones, etc	16 CFR 1500.51-53 Pt. F (Saf Q)	A) REQUIREMENT: For Sportswear & Garments with Lightweight fabric 7oz or less: No detachment at 17 lbs. *TD reserves right to implement 25 lbs requirement on as needed basis* DATA ONLY: Report the point at which the trim fails, or if there is no detachment at 50 lbs. REQUIREMENT: For Intimate Apparel: No detachment at 25 lbs. DATA ONLY: Report the point at which the trim fails, or if there is no detachment at 50 lbs. REQUIREMENT: (for all other 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 <u>Exceptions:</u> 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	
Colorfastness Properties			
Colorfastness to Chlorine AND Non-Chlorine Bleach	AATCC/ASTM TS-001	Shade Change: Grade 4 min	
Colorfastness to Crocking	AATCC 8/116 (min) Original State If results fail in original state, perform after 1 Wash/Dry Cycle	All fabrics (except listed below):	
			Tier 1 Tier 2
		dry	4.0 4.0
		wet	3.0 3.0
		Pigment Dyed/Printed, Lightly Brushed, Sand Washed, Piled, Sulphur, Denim, Indigo & Silk blends:	
		dry	3.5 3.5
		wet	2.0 2.0
Analytical Test			
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 1041:2000 – Sec. 5.3.1 (2) Method B, JIS Water Extraction Method	Negative, If Spot Test is Positive, proceed with step 2 Children over 5T & Adults = 75 ppm max. Children's 0-5T = 20 ppm max.	
pH Value	AATCC 81	Requirement: 5.0 - 8.0 (No tolerance)	
ADDITIONAL COLORWAY TESTING			
Flammability	16 CFR 1610	Class 1 Test non-exempt fabrics must be tested in every color	
Formaldehyde	Kohl's TM-5 (only for 4 years and up) JIS L 1041:2000 – Sec. 5.3.1 (2) Method B, JIS Water Extraction Method	Negative, If Spot Test is Positive, proceed with step 2 Children over 4 years & Adults = 75 ppm max. Children's 0-5T = 20 ppm max.	
pH Value	AATCC 81	Requirement: 5.0 - 8.0 (No tolerance)	
Appearance Retention	AATCC/ASTM TS-008 Modified Tide * Powder Detergent	Must meet all applicable Kohl's Appearance Evaluation Requirements (Refer KAR SOP)	
Colorfastness to Crocking ***For Burnout or Garment Dyed products, please make sure to test c/f crocking on BOTH the inside and outside of the garment***	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
		Pigment Dyed/Printed, Lightly Brushed, Sand Washed, Piled, Sulphur, Denim, Indigo & Silk blends:	
		dry	3.5

		wet	2.0
Colorfastness to Chlorine AND Non-Chlorine Bleach	AATCC/ASTM TS-001	Shade Change: Grade 4 min	
Tensile Strength (Wovens)	ASTM D 5034 lbs. (min)		Tier 1
		< /= 3.0 oz/sq yd	20 x 15
		3.1 to 6 oz sq /yd	25x20
		6.1 to 9 oz/sq yd	40 x35
Tear Strength (Wovens)	ASTM D 1424 lbs. (min)	>9oz/ sq yd	75 x 50
			Tier 1
			Tier 2
		< /= 3.0 oz/sq yd	1.5x1.0
Seam Strength/Slippage (wovens)	ASTM D 1683 (Functional Seams) lbs. (min) Record seam slippage at 1/4" opening of seam	3.1 to 6 oz sq /yd	2.0x2.0
		6.1 to 9 oz/sq yd	2.5x2.0
		>9oz/ sq yd	3.0x2.0
			3.5 x 3.0
Bursting Strength (Knits)	ASTM D 3786 lbs/sq.in (min)		Tier 1
		< /= 3.0 oz/sq yd	15
		3.1 to 6 oz sq /yd	20
		6.1 to 9 oz/sq yd	25
Seam Strength (Knits)	ASTM D 3786 lbs/sq.in (min)	9.1 to 10 oz / sq yd	30
		Functional Pockets- Seam Strength	15
		Non-Functional Pockets- Seam Strength	Data
			Tier 2
Kohl's Durability Evaluation *	Kohl's Durability Evaluation Tide ® Powder Detergent	< /= 4 oz/ sq yd	30
		> 4 oz/ sq yd	40
		> 12 oz/ sq yd	50
		Lace, mesh etc	15
Resistance to Unsnapping/Snapping Buttons (Children's of ALL ages)	ASTM D 4846		Tier 1
		< /= 4.0 oz / sq yd	25
		> 4.0 oz/ sq yd	30
		Laces, Mesh	15
Colorfastness to Saliva * (0-36 months only)	64LFGB B 82.92-3, Part 1	Functional Pockets-Seam Strength	15
		Non-Functional Pockets-Seam Strength	Data
			Tier 2
			Data
Top Stop Attachment Strength (Children's of ALL ages)	ASTM D 2061;22.2	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	
Colorfastness to Water * (Color block fabrics & contrast trims)	AATCC 107	Shade Change : Grade 4 min Self Staining: Grade 4 min Multi-fiber Staining: Grade 4.0 min	
Colorfastness to Sea Water * (Swimwear Only)	AATCC 106	Shade Change : Grade 3.5 min Self Staining: Grade 4 min Multi-fiber Staining: Grade 4.0 min	
Colorfastness to Chlorinated Pool Water * (Swimwear Only)	AATCC 162	Shade Change: Grade 3.5 min	
Colorfastness to Perspiration – Acid Only * (Activewear/Intimates/Linings)	AATCC 15	Shade Change : Grade 4 min Self Staining: Grade 4 min Multi-fiber Staining: Grade 4.0 min	
Colorfastness to Light* (Acvive/Outerwear/Swimwear)	AATCC 16.3-2012 10 AFU & 20 AFU	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 3.0 min 20 AFU: Grade 2.0 min	
Leather Thickness	ASTM D 1813	± 10% max deviation from contracted thickness	
Spew (Leather & Suede)	48 hr @ 50o C/90% RH; Then 6 hr @ -20oC	No visible spew	

Stretch & Recovery /Tension & Elongation **For garments containing Spandex ** Loose fitting- Note on test report	ASTM D4964-96(2012) E1 Modification: Take two 7.0 inch long width specimens from a large area of the garment, align the panels with face side out, stitch the two panels and parallel to the width of the specimen. Place another stitch at 5.0 inch from the first stitch, to create 5.0 inch loop circumference specimen **If garment submission is too small - take the largest size possible	To be recorded as DATA ONLY: Growth: Report Elongated distance & percentage after 60 seconds & 30 minutes. PASS/FAIL: Recovery: 85% min after 60 seconds Recovery: 85% min. after 30 minutes Report modulus at 30%, 50% & 70%. Report Elongation at 10 lbs								
Blocking of Finish (Leather & Suede)	ASTM D 6116 MOD	No sticking together of surface								
Magnetic Closures	Refer to Protocol 502	All samples shall be reviewed against the requirements of Supplemental Magnetic Closure protocol.								
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) 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 & Adults - ≤ 90 ppm max (0.009% 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, DIDP, DNOP, 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	<u>Lead and Cadmium</u> EPA SW 846 Method # 3050B/3051 (Mod.) / CPSCCH-E1003-09.1/ CPSC-CHE1002-08.1 / CPSC-CHE1001-08.1 <u>Phthalate</u> 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. <table border="1" style="width: 100%;"><thead><tr><th>Substances</th><th>Suggested materials</th></tr></thead><tbody><tr><td>Lead</td><td>Follow CPSC lead</td></tr><tr><td>Cadmium</td><td>Follow CPSC lead</td></tr><tr><td>Phthalates</td><td>Coating & Plasticized materials</td></tr></tbody></table> The Washington standard cannot be enforced for products to which a federal standard applies.	Substances	Suggested materials	Lead	Follow CPSC lead	Cadmium	Follow CPSC lead	Phthalates	Coating & Plasticized materials
Substances	Suggested materials									
Lead	Follow CPSC lead									
Cadmium	Follow CPSC lead									
Phthalates	Coating & Plasticized materials									
(*) 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
201-1	<p>1. Appearance Retention Test (KAR) – Method has been changed to AATCC/ASTM TS-008 Modified.</p> <p>2. Added – Colorfastness to Crocking</p> <p>3. Seam Slippage Test – Changed requirements Top: ¼” at 15 lbs. to 10 lbs. Bottom: ¼” at 25 lbs. to 20 lbs.</p> <p>4. Seam Strength Test – Changed requirements Bottom: 37 lbs. to 30 lbs.</p> <p>5. Attachment Strength Test – Changed equipment to Safe Q.</p> <p>6. Construction Quality Test – Added Zipper Guard, Hook & Loop Fastener and Sharp Points/Sharp Edges Evaluation.</p> <p>7. Added – Zipper Tab Twist Test for Children’s 0-4T.</p> <p>8. Formaldehyde Content – Test to be used on all products. Changed requirement to: Children over 36 months & Adults = 75 ppm max. Infants under 36 months = 0.05 Absorbency max.</p> <p>9. Lead Content for Scrapable Surfaces – Changed requirement from 600 ppm to 90 ppm.</p> <p>10. Added – Lead Content Total Substrate, Heavy Metal Content and Phthalate test for children’s products</p> <p>11. Added – Resistance to Unsnapping/Snapping, Colorfastness to Saliva and Zipper Top Attachment Strength to Children’s Garments</p>	Nov. 2008/ Ro Jain
201-2	<p>1. Revised label: Added the word “Care”</p> <p>2. Added – Tracking Label</p> <p>3. Added – Fiber Content</p> <p>4. Drawstrings &/or Ties – Updated requirement</p> <p>5. Fragile Trims – Updated requirement</p> <p>6. Combined Formaldehyde spot test and full test into one line & updated test method</p> <p>7. Resistance to unsnapping/snapping buttons (children of all ages) – updated requirement</p> <p>8. Updated – Test Method of Total Lead in Substrate Material</p> <p>9. Updated – Test Method of Lead Content in Surface Coating- Scrapeable in each color</p> <p>10. Updated - Phthalates Test method and added “DNHP.”</p> <p>11. Updated – Colorfastness to Saliva test method</p>	Nov.2009/Ro Jain
201-3	<p>1. Label Review – Added test method number for Wool Product Labeling act. Added Fur Products Labeling Act and Fur Product Identification Act</p> <p>2. Fiber Content - Added test method number for Wool Product Labeling act. Added Fur Products Labeling Act and Fur Product Identification Act</p> <p>3. Monofilament Thread – added statement “applicable to children only”</p> <p>4. Formaldehyde – Changed Test Method to a Kohl’s Internal Test Method Number</p> <p>5. Appearance Retention/Dimensional Change – Added “Ultra” to Tide detergent</p> <p>6. Seam Slippage/Seam Strength – Updated requirements for both wovens and knits</p> <p>7. Added – Pile Retention test for faux fur trims less than 15%</p> <p>8. Added – Nickel Content</p> <p>9. Updated - Lead in Surface Coating test method and requirement</p> <p>10. Updated – Lead in Substrate material method</p> <p>11. Updated – Phthalates test method and requirement</p> <p>12. Updated – Soluble Heavy Metals test method</p> <p>13. Updated – Package garment size for testing</p> <p>14. Updated – Kohl’s Appearance after wash – Extended wash to be called “Kohl’s Durability Evaluation”</p>	Nov.2011/Ro Jain
201-4	<p>1. Formaldehyde – Modified JIS method to Water Extraction. Updated Children 0-4T req. from 0.05 Absorbency to 20 ppm.</p> <p>2. Dimensional Change – Added req. for Knits for Fall 2014. Added req. for Children Sleepwear as per Sleepwear SOP.</p> <p>3. Lead in Surface Coating – Updated Adult req. from 600ppm to 90 ppm.</p> <p>4. Heavy Metals – Updated year of test method from 2008 to 2011. Test applies to both coating and substrate.</p> <p>5. Crocking – Added Leather and Suede req. Updated Pigment/Indigo dry crocking req. from 3.0 to 4.0.</p> <p>6. Added Leather and Suede Tests to Optional Testing Section.</p> <p>7. Incorporated silver, gold, platinum standards.</p>	Sep 2013/ Vinoth Deenadayalan
201-6	Removed pricing for testing/took out Intertek/added approved lab statement	October 6th 2014/Nov. 31 2014 - Leah Gross-Hutchison
201-6	Removed pricing for testing/took out Intertek/added approved lab statement	October 6th 2014/Nov. 31 2014 - Leah Gross-Hutchison
201-7	Updated seam strength requirements for functional and non functional pockets	March 2016 - Jackie Deppisch
201-8	Added attachment strength testing to include all colorways & updated tier 3 Dimensional Stability requirement for knits	June 2016 - Becky Becker
201-9	Lead, Cadmium and Phthalate in Washington Children's Safe Products Act	August 2016 - Becky Becker
201-10	<p>1) Updated Pile Retention performance test wording - removed "only apply to the trims which less than 15%"</p> <p>2) Removed "coatings" from Washington Children's Safe Products Act</p>	September 2016 - Becky Becker
201-11	<p>1) Attachment Strength - Added "(Must test in original state, after 1 wash, and after 5 washes)" for sizes 0-5T.</p> <p>2) Fragile Trims - updated size ranges to include 5T</p> <p>3) Formaldehyde - updated size ranges to include 5T</p> <p>4) Zipper Tab Twist - updated size ranges to include 5T</p>	February 2017 - Becky Becker
201-12	1) Blocking of Finish (Leather or Suede) ASTM D 6116 - added MOD	April 2017 - Becky Becker
201-13	1) Updated crocking requirements to read: "Pigment Dyed/Printed, Lightly Brushed, Sand Washed, Piled, Sulphur, Denim, Indigo & Silk blends"	May 2017 - Becky Becker

201-14	1) Update Pile Retention Performance test wording - added "for raised surface fabric and trims"	June 2017 - Becky Becker
201-15	1) Updated Dimensional Change to Home Laundering to be AATCC 150 for garments instead of fabrics 2) Updated format/font for protocol versions	September 2017 - Charlene Swanson
201-16	1) Updated Dimensional Change to Home Laundering Knit Requirements	August 2018 - Becky Becker
201-17	1) Updated Soluble Heavy Metal to be harmonized version 2) Updated format	September 2018 - Charlene Swanson
201-18	1) Updated Phthalates in each plasticized part/material such as PVC, Vinyl	October 2018 - Becky Becker
201-19	1) Updated woven Dimensional Stability Requirements	November 2018 - Jackie Deppisch
201-20	1) Added "Coating" to Washington Children's Safe Products Act for phthalates 2) Updated format	January 2019 - Charlene Swanson
201-21	1) Added information re: Adult Tracking Label	March 2019 - Jackie Deppisch
201-22	1) Separate Adult & Children's tracking labels. Adult is currently DATA ONLY	March 2019 - Jackie Deppisch
201-23	1) Updated pile retention to ASTM D4685 2) Updated colorfastness to saliva test to be most current	March 2019 - Charlene Swanson
201-24	1) Updated phthalates requirement to CPSC-CH-C1001-09.4 (Mod) 2) Updated handwash test method to AATCC LP2	April 2019 - Becky Becker
201-25	1) Updated Attachment Strength requirements	June 2019 - Jackie Deppisch
201-26	1) Updated Attachment Strength requirements, separated out children's from adults	Aug 2019 - Elizabeth Armstrong
201-27	1) Revised attachment strength requirements	Aug 2019 - Elizabeth Armstrong
201-28	1) Added Tension & Elongation requirements	October 2019- Jackie Deppisch
201-29	1) Removed "plastic" from hanger loop requirements.	November 2019 - Charlene Swanson
201-30	1) Updated dry cleaning to be 3 cycles instead of 1 cycle (AATCC 158)	December 2019 - Charlene Swanson
201-31	1) Updated dry cleaning to be 3 cycle instead of 1 cycle 2) Removed "Ultra" from Tide detergent	January 2020/Charlene Swanson
201-32	1) Updated Adult Tracking Label as PASS/FAIL 2) Updated S&R TM	February 2020/ Jackie Deppisch
201-33	1) Updated Stretch & Recovery requirements 2) Removed "Ultra" from Tide detergent in Dimensional Change TM	March 2020/Charlene Swanson
201-34	1) Updated Stretch & Recovery requirements	April 2020/Charlene Swanson
201-35	1) Added Magnetic Closure test line	March 2021/Charlene Swanson
201-36	1) Removed Children's Sleepwear Dimensional stability specific requirements - Children's sleepwear should follow dimensional stability requirements per fabric construction	June 2021 / Becky Becker
201-37	1) Updated Tiering	August 2021/ Jackie Deppisch
201-38	1) Updated email address for adult tracking label requirements 2) Updated formatting	September 2021/Charlene Swanson
201-39	1) Updated formatting 2) Removed Tier 3 for Colorfastness to crocking	November 2021/Charlene Swanson
201-40	1) Added test line for all performance claims	March 2022 / Becky Becker
201-41	1) Updated seam slippage/strength requirements to match with fabric requirements in woven protocol	April 2022/ Jackie Deppisch
201-42	1) Added C/F light, Water, Perspiration Sea Water and Chlorinated Pool Water to "REQUIRED WHERE APPLICABLE AT ADDITIONAL COST" section of protocol 2) Added Additional Colorway Testing section to protocol and applicable tests 3) Added pH back to protocol	August 2022/Jackie Deppisch
201-43	1) Added Reference to Protocol 501	October 2022 / Kevin Makocy
201-44	1) Added Color Change for CF to saliva testing	January 2023/Charlene Swanson
201-45	Updated Seam Strength/Slippage (wovens & knits) in additional colorway to match the requirement in bulk testing above	April 2023 / Elizabeth Armstrong
201-46	Lowered seam strength requirements for knits < /= 4.0 oz / sq yd to 25 and > 4.0 oz / sq yd to 30, also updated additional colorway testing to match	May 2023 / Elizabeth Armstrong
201-47	Updated Bursting Strength requirements, as they were not matching with 101 and 201 protocol	May 2023 / Jackie Deppisch
201-48	Updated Attachment Strength to include Hood and Eye/ Hook and Thread loop fastener to describe in garment testing protocol to make alignment in application for testing requirement.	June 2023/ Jackie Deppisch
201-49	Updated Attachment Strength to call out 17 lb requirement for sportswear/lightweight garments; 25 lbs for intimates	Dec 2023-Jackie Deppisch
201-50	Added 7oz to the light weight fabric requirement for attachment strength	Elizabeth Armstrong Jan 2024
201-51	1. Updated Total Lead in Substrate requirement to be 90 ppm instead of 100 ppm, per labs advisement/MN Law, added ADULTS to requirement 2. Updated Phthalates to include DNOP and DIDP per labs advisement/ MN Law	January 2025/ Jackie Deppisch