

401-57

Performance Claims

To be completed with Fabric or Garment Testing Depending if Pre-Cured or Post-Cured

ALL COLORWAYS MUST BE TESTED

PERFORMANCE	TEST METHOD	REQUIREMENT	Testing Stages Required
REQUIRED WHERE APPLICABLE AT ADDITIONAL COST			NOTE: For tests to be performed at Fabric Stage, if there is garment wash/finishing performed, the evaluation should be repeated at garment stage.
<b>PERFORMANCE CLAIMS</b>			
<b>Color Retention</b>			
Fade Resistant	AATCC/ASTM TS-008 Original State & After 3, 5 & 10 launderings (per garment care instruction)	Must meet all applicable Kohl's Appearance Evaluation Requirements	Fabric Stage **If any textile trims added to garment those should be tested at garment stage if not tested at trim stage
<b>Easy Care / Wrinkle Resistant</b>			
Smoothness Appearance (All fabrics) (Excluding sweaters)	AATCC 124 (per garment care instructions)  Original State & After 5 launderings	Original & After 5 Launderings SA 3.0 min (smoothness appearance)	Fabric Stage
Smoothness Appearance (All garments) (Excluding sweaters)	AATCC 143 (per garment care instructions)  Original State & After 5 launderings	Original & After 5 Launderings SA 3.0 min (smoothness appearance) SS 2.5 min (seam smoothness) CR 3.0 min (crease retention)- Bottoms Only	Garment Stage
Appearance Retention (For all garment [knit, woven, sweater] fabrications)	AATCC/ASTM TS-008 Modified Tide * Powder Detergent After 5 launderings	Must meet all applicable Kohl's Appearance Evaluation Requirements	Garment Stage
<b>No Iron / Wrinkle Free etc.</b>			
Smoothness Appearance (Excluding sweaters)	AATCC 124 (per garment care instructions)  Original State & After 5 launderings	Original & After 5 Launderings SA 4.0 min	Fabric Stage
Smoothness Appearance (Excluding sweaters)	AATCC 143 (per garment care instructions)  Original State & After 5 launderings	Original & After 5 Launderings SA 4.0 min (smoothness appearance) SS 3.5 min (seam smoothness) CR 3.5 min (crease retention)- Bottoms Only	Garment Stage
Appearance Retention (For all garment fabrications)	AATCC/ASTM TS-008 Modified Tide * Powder Detergent After 5 launderings	Must meet all applicable Kohl's Appearance Evaluation Requirements	Garment Stage
<b>Stain Release</b>			
Soil Release	AATCC 130 Modified Original & After 3, 5 & 10 Launderings AATCC 158 Original & After 1 & 5 dry cleaning cycles Spot Clean Original & After 1 & 5 cleaning	(Unless specified by Kohl's): Stains: red ketchup, soy sauce, corn oil, mineral oil, spaghetti sauce with meat, black coffee (Folgers's), milk, cola (Coke), juice - grape (Welch's), blood  Grade 4.0 min – original Grade 3.5 min – after laundering or spot cleaning	Fabric Stage **Garment wash styles must be tested at garment stage
PFAS: Total Fluorine (Products with water repellent, water resistant, waterproof, stain resistant, stain repellent and non-stick claims)	EN 14582: 2016	<50 ppm  *If product fails for Total Fluorine then product must be tested individually for PFOS, PFOA, PFHxS, C9-C14 PFCAs, & PFHxA test line below	If treated in Fabric Stage, test in the material stage If treated in the garment stage, test in the garment stage *Must reference material test report, if tested in the Fabric Stage*
PFOA, PFOS, PFHxS, C9-C14 PFCAs, & PFHxA and their salts and related substances	EN 17681-1: 2025 alkaline hydrolysis	PFOS, PFOA, PFHxS, C9-C14 PFCAs, PFHxA and its salts: < 25ppb PFOS-, PFOA-, PFHxS- and PFHxA-related substances: <1000 ppb C9-C14 PFCAs-related substances: <260 ppb  Note: Refer to AFIRM RSL PFAS Appendix for entire list for testing	If treated in Fabric Stage, test in the material stage If treated in the garment stage, test in the garment stage *Must reference material test report, if tested in the Fabric Stage*
Safety Data Sheets (SDS) (for products with stain/soil release claims)	Documentation	Vendor must submit SDS for review at the time of testing. SDS report must be attached to the test report  *To be marked as DATA ONLY*	If treated in Fabric Stage, provide SDS in material stage If treated in the garment stage, provide SDS in garment stage *Must reference material test report, if tested in the Fabric Stage*
<b>Stain Repellent</b>			
Oil Repellency : Hydrocarbon Resistance Test	<b>Test Per Care Instructions:</b> Machine Wash: AATCC 118 Modified Original & After 3, 5 & 10 Launderings Dry Clean: AATCC 158 Original & After 1 & 5 cycles Spot Clean Original & After 1 & 5 cleaning	Grade 5 min – original Grade 3 min – after laundering	Fabric Stage **Garment wash styles must be tested at garment stage
Water Repellency: Aqueous Liquid Repellency – Spot Test	<b>Test Per Care Instructions:</b> Machine Wash: AATCC 193 Original & After 3, 5 & 10 Launderings Dry Clean: AATCC 158 Original & After 1 & 5 cycles Spot Clean Original & After 1 & 5 cleaning	Grade 6 min – original Grade 4 min – after laundering	Fabric Stage Garment wash styles must be tested at garment stage

PFAS: Total Fluorine (Products with water repellent, water resistant, water proof, stain resistant, stain repellent and non-stick claims)	EN 14582	<50 ppm  *If product fails for Total Fluorine then product must be tested individually for PFOS & PFOA test line below	If treated in Fabric Stage, test in the material stage If treated in the garment stage, test in the garment stage *Must reference material test report, if tested in the Fabric Stage*
Perfluorooctane Sulfonate (PFOS) and related substances, Perfluorooctanoic Acid (PFOA), and its salts and related substances	EN ISO 23702-1	PFOS and related substances: < 1ppm PFOA, its salts and related substances: <1ppm  Note: Refer to AFIRM RSL PFOS, PFOA salts and substance list for testing	If treated in Fabric Stage, test in the material stage If treated in the garment stage, test in the garment stage *Must reference material test report, if tested in the Fabric Stage*
Safety Data Sheets (SDS) (for products with stain/oil/water repellency claims)	Documentation	Vendor must submit SDS for review at the time of testing. SDS report must be attached to the test report  <b>*To be marked as DATA ONLY*</b>	If treated in Fabric Stage, provide SDS in material stage If treated in the garment stage, provide SDS in garment stage *Must reference material test report, if tested in the Fabric Stage*
<b>Moisture Management</b>			
Quick Dry (Dry Speed/Evaporation Rate)	Kohl's TM-3 Original & After 3, 5, & 10 Launderings	<u>Original</u> 70% evaporation after 30 min. <u>After Laundering</u> 60% evaporation after 30 min.	Fabric & Garment Stage
Wicking (Vertical) - Moisture Management claim	Kohl's TM-17 Original & After 3, 5, & 10 Launderings	4" after 30 minutes	Fabric Stage
<b>Antimicrobial/Antibacterial</b>			
"Antimicrobial/Antibacterial" Test in original state & 1 and 10 launderings per garment care instructions <b>Examples (but not limited to): Antimicrobial or Antibacterial etc.</b> <b>***All claims MUST be reviewed with Kohl's QA/PI before testing</b>	ASTM E3160  *Must be tested in an IAC Certified Lab *Lab must provide IAC verification # on testing report	Minimum 90% Reduction	Fabric & Garment Stage
"Inhibits the growth of fungal odors" Original and after 5 launderings per garment care instructions <b>Examples (but not limited to): Antifungal or anti-mildew, anti-mold All claims MUST be reviewed with Kohl's QA/PI before testing</b>	AATCC 30 (test III)	No growth	Fabric & Garment Stage
<b>Water Repellent Claims</b>			
Water Repellent – Water Repellency	AATCC 22 Modified Spray Test Original and after 5 launderings	Original: Rating 90 After 5 Washes: Rating 70	Fabric Stage Garment wash styles must be tested at garment stage
PFAS: Total Fluorine (Products with water repellent, water resistant, water proof, stain resistant, stain repellent and non-stick claims)	EN 14582	<50 ppm  *If product fails for Total Fluorine then product must be tested individually for PFOS & PFOA test line below	If treated in Fabric Stage, test in the material stage If treated in the garment stage, test in the garment stage *Must reference material test report, if tested in the Fabric Stage*
Perfluorooctane Sulfonate (PFOS) and related substances, Perfluorooctanoic Acid (PFOA), and its salts and related substances	EN ISO 23702-1	PFOS and related substances: < 1ppm PFOA, its salts and related substances: <1ppm  Note: Refer to AFIRM RSL PFOS, PFOA salts and substance list for testing	If treated in Fabric Stage, test in the material stage If treated in the garment stage, test in the garment stage *Must reference material test report, if tested in the Fabric Stage*
Safety Data Sheets (SDS) (for products with water repellent claims)	Documentation	Vendor must submit SDS for review at the time of testing. SDS report must be attached to the test report  <b>*To be marked as DATA ONLY*</b>	If treated in Fabric Stage, provide SDS in material stage If treated in the garment stage, provide SDS in garment stage *Must reference material test report, if tested in the Fabric Stage*
<b>Water Resistance/ Storm Proof Claims / Wind Resistant</b>			
Water Resistance: Rain Test – When Harmonized Code Required  Water Resistance Claim Storm Proof Claim	AATCC 35  Original state and after 5 launderings	Water Resistance: 2 ft. (600mm)/2 min    1.0g max  Storm Proof: 3 ft. (900mm)/5 min    1.0g max	Fabric Stage  *If there is a treatment applied at the garment stage, water resistance testing on the shell fabric will need to be repeated.  *This does not qualify for Duty, only performance claim
Wind Resistant – Air Permeability	ASTM D 737 Original and after 5 launderings	Original AND After 5 launderings: 3.0 cfm max.  Windproof Items: 1.0 cfm max.	Fabric & Garment Stage
PFAS: Total Fluorine (Products with water repellent, water resistant, water proof, stain resistant, stain repellent and non-stick claims)	EN 14582	<50 ppm  *If product fails for Total Fluorine then product must be tested individually for PFOS & PFOA test line below	If treated in Fabric Stage, test in the material stage If treated in the garment stage, test in the garment stage *Must reference material test report, if tested in the Fabric Stage*
Perfluorooctane Sulfonate (PFOS) and related substances, Perfluorooctanoic Acid (PFOA), and its salts and related substances	EN ISO 23702-1	PFOS and related substances: < 1ppm PFOA, its salts and related substances: <1ppm  Note: Refer to AFIRM RSL PFOS, PFOA salts and substance list for testing	If treated in Fabric Stage, test in the material stage If treated in the garment stage, test in the garment stage *Must reference material test report, if tested in the Fabric Stage*

Safety Data Sheets (SDS) (for products with water resistant and wind resistant claims)	Documentation	Vendor must submit SDS for review at the time of testing. SDS report must be attached to the test report  <b>*To be marked as DATA ONLY*</b>	If treated in Fabric Stage, provide SDS in material stage If treated in the garment stage, provide SDS in garment stage <b>*Must reference material test report, if tested in the Fabric Stage*</b>
<b>Waterproof Claims</b>			
Waterproof – Hydrostatic Pressure	AATCC 127 Original and after 5 launderings	Original – 200 cm min. After Laundering – 200 cm min.	Garment Stage <b>**Fabric testing can also be conducted if Kohl's would like to prequalify it)</b>
PFAS: Total Fluorine (Products with water repellent, water resistant, water proof, stain resistant, stain repellent and non-stick claims)	EN 14582	<50 ppm  <b>*If product fails for Total Fluorine then product must be tested individually for PFOS &amp; PFOA test line below</b>	If treated in Fabric Stage, test in the material stage If treated in the garment stage, test in the garment stage <b>*Must reference material test report, if tested in the Fabric Stage*</b>
Perfluorooctane Sulfonate (PFOS) and related substances, Perfluorooctanoic Acid (PFOA), and its salts and related substances	EN ISO 23702-1	PFOS and related substances: < 1ppm PFOA, its salts and related substances: <1ppm  Note: Refer to AFIRM RSL PFOS, PFOA salts and substance list for testing	If treated in Fabric Stage, test in the material stage If treated in the garment stage, test in the garment stage <b>*Must reference material test report, if tested in the Fabric Stage*</b>
Safety Data Sheets (SDS) (for products with waterproof claims)	Documentation	Vendor must submit SDS for review at the time of testing. SDS report must be attached to the test report  <b>*To be marked as DATA ONLY*</b>	If treated in Fabric Stage, provide SDS in material stage If treated in the garment stage, provide SDS in garment stage <b>*Must reference material test report, if tested in the Fabric Stage*</b>
<b>Stretch Claims</b>			
4 Way Stretch <b>** The below are also acceptable, using the recommended test methods indicated. Please check with Kohl's PI team if you have any other verbiage you would like to use:</b> -Great Shape Retention -High Stretch -Muscle Hugging Support	ASTM D 4964 Modified Modification: Take two 7.0 inch long width specimens from the thigh 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	<b>To be recorded as DATA ONLY:</b> Growth: after 60 seconds Recovery: after 30 minutes <b>PASS/FAIL:</b> Recovery: 85% min after 60 seconds Recovery: 90% min. after 30 minutes Report modulus (length & width) at 30%, 50% & 70%. Report Elongation at 10 lbs	Fabric & Garment Stage
Stretch Denim Claims  <b>**To be followed when stretch claims are made ** Any questions, please reach out to Kohl's PI team</b>	ASTM D 4964 Modified Modification: Take two 7.0 inch long width specimens from the thigh 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	<b>Comfort Stretch:</b> Total Elongation @ 10 lbs: < 25% Recovery @ 30 min: 85% min Growth @ 30 min: 7% max Report modulus (length & width) at 30%, 50% & 70% <b>Performance Stretch:</b> Total Elongation @ 10 lbs: 25%-50% Recovery @ 30 min: 85% min Growth @ 30 min: 4% max Report modulus (length & width) at 30%, 50% & 70% <b>Super Stretch:</b> Total Elongation @ 10 lbs: > 50% Recovery @ 30 min: 85% min Growth @ 30 min: 4% max Report modulus (length & width)at 30%, 50% & 70%	Fabric Stage <b>**Garment wash styles must also be tested at garment stage</b>
Stretch Waist Band <b>**Please check with Kohl's PI team if you have any other verbiage you would like to use</b> -Comfort Waist <b>** This test must be conducted whenever a bottom has a pull on waist, even if there is no actual claim reg: stretch waist band</b>	ASTM D 4964 (Modified) The sample held in the "L" clamp. The specimen is then extended at a 20in/min rate to 10 lbs. maximum load. Entire waist along with the garment is mounted on the "L" clamp and the test is conducted. Check stretch on the waist only-Not on the full garment. Record Original & Half Waist Measurements	<b>REQUIRED:</b> Report Elongation at 10 lbs (inches & percentages): <i>Good Stretch: 5%+</i> <i>Super Stretch: 10%+</i> <b>DATA:</b> Recovery: 85% min after 60 seconds Recovery: 90% min. after 30 minutes	Garment stage
<b>THERMAL RETENTION CLAIM - WARM, WARMER, WARMEST</b>			
<b>Warm</b> If Claimed "Warm" on Packaging Ex: Fleece Jacket, Mixed Media Jackets, Casual Wear Etc <i>For outerwear products only. Effective for items produced for FA24</i>	ASTM F1868-17	CLO 1.0 and above	Garment Stage Main or Darkest Colorway Only (if all components are the same)
<b>Warmer</b> If Claimed "warmer" on Packaging Ex: Light Puffer Jacket, Snow Bibs, Suit Jacket Etc <i>For outerwear products only</i>	ASTM F1868-17	CLO 2.0 and above	Garment Stage Main or Darkest Colorway Only (if all components are the same)
<b>Warmest</b> If Claimed "warmest" on Packaging Ex: Heavyweight Puffer Jacket/Coat Etc <i>For outerwear products only</i>	ASTM F1868-17	CLO 3.0 and above	Garment Stage Main or Darkest Colorway Only (if all components are the same)
<b>Miscellaneous Claims</b>			
Breathable – Moisture Vapor Transmission	ASTM E 96-00 (B-hydrophilic) or (C-micropore), (Upright cup method or Chemical method) Original & after 5 launderings	Original - 500 g/m2/24 hours min.  After Laundering - 500 g/m2/24 hours min.	Fabric Stage

UV Protection – Applies to protective clothing but not shade devices (Test on Light, Medium & Dark Colorway)  <b>Dry and Wet Stage:</b> Swimwear Only (including swimsuit cover up & Swim Tops) <b>Dry Stage Only:</b> All other apparel product (except swimwear)	ASTM D 6603/6544 AATCC 183 [21 day turn around time]	Protection Rating Good Protection Very Good Protection Excellent Protection  <u>Packaging should list:</u> UPF value (ASTM standard requires labeling to the lowest UPF value in multiple of 5) Protection Rating Test Method used	UPF Value UPF Rating: 15-24 UPF Rating: 25-39 UPF Rating: 40+	Fabric Stage **Garment stage [only test if textile trims not tested previously]
Colorfastness to Abrasion-Frosting (Cross Dyed Fabrics Only)	AATCC 119 1200 cycles	Shade Change: Grade 3.5 min		Fabric & Garment Stage
Pilling Resistance (Anti Pilling Finish)	ICI-ISO 12945-1 (ICI Box)	As Received: Grade 4 min. for 4 hours		Fabric & Garment Stage
Functionality Testing - Texting Glove *	Functionality Testing	Must be able to navigate smart phones with touch screens		Finished Product/Garment Stage
Reflective	Kohl's TM-28	Original and after 3 & 5 washes: Noticeable reflection should be observed at 8 and 16 feet		Fabric & Garment Stage
Durability (for "Durable" claims)	Appearance Retention (KAR) AATCC/ASTM TS-008 Modified Tide * Powder Detergent Original & After 5, 10, 15, & 20 washes	Must meet all applicable Kohl's Appearance Evaluation Requirements		Fabric & Garment Stage
Durable Buttons (for "Durable Button" claims only)	ASTM D5171 67mm height	Test 15 buttons. Must not exhibit cracking, chipping, or breakage. All 15 must pass.		Trim stage **Garment wash clothing/dye or to match styles must perform at finished garment stage
Quick Dry (Dry Speed/Evaporation Rate)	Kohl's TM-3  Original & After 3, 5, & 10 Launderings	Original : 70% evaporation after 30 min.  After Laundering : 60% evaporation after 30 min.		Fabric Stage Garment wash styles must be tested at garment stage
Keeps You Cool/ Cool Feeling (Fabric with high air permeability/with no finish applied) <b>** NOTE:</b> By making this claim & validating with the below tests, Wicking & Quick Dry can automatically be used as claims <b>**Must test &amp; pass ALL tests in order to claim</b> <b>** Reach out to Kohl's PI if your team is looking to use any other verbiage</b>	1) Horizontal Wicking AATCC 198 2) Air Permeability ASTM D737 3) Drying Time AATCC 201	<b>1) Horizontal wicking - water absorption rate:</b> Knit: Original & after 10 washes: minimum 20mm <sup>2</sup> /s Woven: Original & after 10 washes: minimum 20mm <sup>2</sup> /s  <b>2) Air Permeability: Original &amp; after 10 washes:</b> Knit: ≥ 160 cfm Woven: ≥ 60 cfm  <b>3) Drying Time: Original &amp; after 10 washes:</b> Full synthetics: 20 minutes Blends: 30 Minutes  <b>**Report to include both drying rate &amp; drying time in results**</b>		Fabric Stage
Shrink resistant – Dimensional Change to Home Laundering	AATCC 150 After 3, 5 & 10 washes	Wovens: ± 2% Knits: ± 3% (For Pique Polo Knits: Shrinkage after 3 and 5 washes ±4% Max; Shrinkage after 10 washes: ± 5% Max )		Fabric & Garment Stage
Pre-Shrink ( Fabrics must be tested as well )	AATCC 150 After 3 & 5 washes			Fabric & Garment Stage
Wicking (Vertical)	Kohl's TM-17 Original & After 3, 5, & 10 Launderings Original & After 3 dry cleaning cycles	4" after 30 minutes		Fabric Stage
Reinforced Knee	Visual	Minimum of 2 layers of fabric must be present at knee area. Knee reinforcement will be top applied to shell fabric. (if necessary, cut into the garment to ensure multiple layers)		Fabric & Garment Stage
Abrasion resistance of fabric: Tough Knee or Tough Cotton- (wovens)	ASTM D3885-07a(R2019)	[If claimed Tough Knee, Tough Cotton and/or Reinforced Knee]  For CVC woven fabrics, woven fabric with topical finishing for tough knee, woven fabric with interlining and topical (PE) finishing, or woven fabric with interlining.  Tension : 4 lbs., Head : 1 lbs.  Abrasion Resistance for Woven Fabric with Interlining 30HL: 2X data from Control, Report actual data. Pass/Fail  Abrasion Resistance for Woven Fabric with Interlining and Topical (PE) Finishing: 4X data from Control, Report actual data. Pass/Fail		Fabric & Garment Stage
Chlorine Resistance of Spandex	ASTM D4964-96 (R2020)	When Claiming Chlorine Resistant Spandex For all Products 3 Repetitions, All Colorways  Original & after 10 HL by AATCC 188 (R2020) Use Ultra Clorox bleach: 6% Sodium Hypochlorite that yields 5.7% available Chlorine and use 66g+/-1 of AATCC WOB Detergent Report actual readings i.e. original as Data Loop tension (load) at 30%, 50%, & 70% Test for elongation and recovery Pass/Fail based on 2 minimum recoveries at maximum load. Minimum recovery 'original' at maximum load: 85% at 30 minutes; Report at 60 seconds as Data only After 10 HL by AATCC 188 mod.: Minimum recovery after 10 HL at maximum load: 75% at 30 minutes; Report at 60 seconds as Data only		All Colorways Test in Fabric Stage If finish is applied, then test in Garment Stage

PROTOCOL VERSION	DESCRIPTION OF CHANGE	DATE REVISION / APPROVED BY
106-1	1. Colorfastness to Abrasion-Frosting Test – ADDED 2. Pilling Resistance Test – ADDED	April 2007 Ro Jain
106-2	1. Smoothness Appearance for Garment Testing- ADDED 2. Smoothness Appearance for Fabric & Garment Testing – changed requirements. 3. Formaldehyde Content – ADDED to Wrinkle Resistant Claim 4. Water Resistance: Rain Test Method AATCC 35 – Changed test procedure to be performed in original state for Harmonized Code, original state and after 5 launderings for Storm Proof. 5. Antimicrobial Test – ADDED ASTM E 2149-01. 6. Quick Dry Test – Modified test method and changed requirement To: - Original State: 70% evaporation after 30 minutes - After Laundering: 60% evaporation after 30 minutes 7. UV Protection Test – ADDED UPF Classification System 8. Changed the number of launderings for each test. 9. Wicking Test – Changed test method ITS Method #411 to AATCC/ASTM TS-017	Nov. 2008 Ro Jain
106-3	1. “All Colorways Must Be Tested” added to heading 2. Wicking (Vertical) – Moisture Management Claim* updated test method to ITS 411 3. UV Protection – added turn around time	Nov. 2009 Ro Jain
106-4	1. Removed Formaldehyde from Wrinkle Resistant claim as this is included in the fabric/garment protocols 2. Added Easy Care & Non Iron/Wrinkle Free claims 3. Updated Wrinkle Resistant requirements and number of launderings	May 2011 Ro Jain
401-5	1. Protocol number changed to 400 series 2. Removed crease retention from fabric smoothness appearance 3. Added moisture management claim 4. Updated antimicrobial tests listed by product claim 5. Added shrink resistant claim 6. Included original and after 5 launderings for water repellent test 7. Added after 5 launderings to water resistance – rain test and must be tested in garment state 8. Updated claim to wind resistant for air permeability test 9. Updated requirement for pilling resistance test from 6 hours to 4 hours. 10. Added appearance after wash for 5 washes for easy care knits and sweaters 11. Updated test method for quick dry to Kohl’s test method 12. Updated test method for wicking to Kohl’s test method	Nov. 2011 Ro Jain
401-6	1. Removed requirements for Crease Retention property on Easy Care Claim	Feb. 2013 Vinoth Deenadayalan
401-7	1. Removed pH value from Easy care, Wrinkle resistant and No iron claims 2. Added Windproof requirement for air permeability test	May 2013 Vinoth Deenadayalan
401-8	1. Added Thermal insulation, pre-shrink claims and Compression properties	April 2014 Vinoth Deenadayalan
401-9	1. Adjusted the shrinkage requirements for Pique Polo Knits	September 2014 Vinoth Deenadayalan
401-10	1. Removed pricing for testing/took out Intertek/added approved lab statement	Oct 6th 2014/Nov. 31 2014 Leah Gross-Hutchison
401-11	1. Added functionality testing for texting Glove	December 2014 Vinoth Deenadayalan
401-12	1. Add 300mm/min to ASTM D4964	April 2015 Michelle Zydek
401-13	1. Added Option 1 to Thermal Resistance ASTM D1518	November 2015 Jackie Deppisch
401-14	1. Changed wind resistant requirement from min to max; updated CLO requirements; Added Reflective test	March 2016 Jackie Deppisch
401-15	1. Updated Appearance Retention for Easy Care to be updated for all fabrications 2. Updated Tide to be most current 3. Added Appearance Retention to Wrinkle Free/Non-Iron claim and Wrinkle Resistant	April 2018 Charlene Swanson
401-16	1. Updated Easy Care & No- Iron requirements	August 2018 Jackie Deppisch
401-17	1. Added Durability Claim	November 2018 Charlene Swanson
401-18	1) Removed "Compression" claim and replaced with "Stretch, Support", etc.	December 2018 Jackie Deppisch

401-19	1) Added "Excluding Sweaters" for Smoothness Appearance tests under Easy Care and No Iron	March 2019 Charlene Swanson
401-20	1) Added asterisk (*) to Thermal Retention/Insulation Properties, 4-Way Stretch, Functionality Testing - Texting Glove, Reflective, and Durability performance claims	May 2019 Charlene Swanson
401-21	1) Updated soil release requirements to match soft home	June 2019 Charlene Swanson
401-22	1) Updated to add Cooling Claim requirements	July 2019 Jackie Deppisch
401-23	1) Updated UPF labeling requirements	August 2019 Jackie Deppisch
401-24	1) Updated 4 Way Stretch requirements to include both S&R and T&E with ASTM D4964 test method	November 2019 Jackie Deppisch
401-25	1) Updated antimicrobial requirements	November 21 2019 Elizabeth Armstrong
401-26	1) Updated wicking claim to include dry cleaning cycles (3X)	December 2019 Charlene Swanson
401-27	1) Updated antimicrobial requirements to test after 1 & 10 launderings	January 2020 Elizabeth Armstrong
401-28	1) Added Durable Buttons claim	January 2020 Charlene Swanson
401-29	1) Updated S&R requirements and Tension & Elongation to become one modified S&R test method	February 2020 Jackie Deppisch
401-30	1) Added TM for Stretch Waist Band	March 2020 Jackie Deppisch
401-31	1) Added additional information to antimicrobial test lines to clarify	July 2020 Elizabeth Armstrong
401-32	1) Clarified stain repellent testing to make clearer	July 2020 Elizabeth Armstrong
401-33	1) Updated UVA testing to test only light, medium and dark colorway	August 2020 Elizabeth Armstrong
401-34	1) Updated Keeps You Cool/Cool Feeling to have an asterisk	October 2020 Charlene Swanson
401-35	1) Added Stretch Denim performance claims & requirements	January 2021 Jackie Deppisch
401-36	1) Updated to note if testing should be conducted in Fabric, Garment, or both stages	February 2021 Jackie Deppisch
401-37	1) Added test for any pull on waist band 2) "min "to "minutes" in "Keeps you cool" claim	February 2022 Jackie Deppisch
401-38	1) Added Total Fluorine testing and PFOA/ PFOS & Salts testing for claims	March 2022 Becky Becker
401-39	1) Updated Stretch Waist to be tested in Garment Stage	May 2022 Jackie Deppisch
401-40	1) Added analytical section with PFAS and PFOS	June 2022 Violet Nelson
401-41	1) Total Fluorine and PFAS and PFOS to be tested in Fabric and Garment Stage	June 2022 Kevin Makocy
401-42	1) Added *If product fails for Total Fluorine then product must be tested individually for PFOS & PFOA test line below to Total Fluorine test line	Nov 2022 Elizabeth Armstrong
401-43	1) Updated thermal retention testing requirements to include Warm, Warmer, Warmest claims 2) Added Reinforced Knee test lines	Dec 2022 Elizabeth Armstrong
401-44	1) Updated test stages requirements to be all the same verbiage	January 2023 Charlene Swanson
401-45	1) Added SDS Sheets to be a requirement for all Total Fluorine and PFAs testing 2) Updated Thermal Retention requirements to be for outerwear only and to be tested in the garment stage	March 2023 Charlene Swanson
401-46	Added dry/wet stage requirements to UPF Testing	May 2023 Elizabeth Armstrong
401-47	Updated Thermal Retention to note for "warm" claim (mixed media/fleece jackets or outerwear): ALL fabrics must be tested, main colorway only. Effective FA24	May 2023 Jackie Deppisch

401-48	Updated "cooling" wicking method from ASTM D5802 to AATCC 198	Sept 2023 Elizabeth Armstrong
401-49	1) Removed asterisk from performance claims document as it's mandatory for all colorways to be tested 2) Updated guidance on Total Fluorine, PFOA/PFOS, and SDS requirements 3) Moved UV Protection, Colorfastness to Abrasion-Frosting, Pilling Resistance, and Breathable claim to Miscellaneous Claims section	March 2024 Charlene Swanson
401-50	Updated cooling claim line to align with AATCC requirements (old standard was for ASTM)	June 2024 Elizabeth Armstrong
401-51	Added Chlorine Resistant performance claim	July 2024 Jackie Deppisch
401-52	Updated Format	December 2024 Kevin Makocy
401-53	Updated AATCC 30 description to 'inhibits the growth of fungal odors' from 'inhibits the growth of bacterial odors'	February 2025 Isaac Grossman
401-54	Updated Durability Claim to match in KAR documents updates. Combined requirements into one test line instead of 2 previous test lines.	June 2025 Jackie Deppisch
401-55	Removed garment-stage testing requirement for wicking performance claims.	January 2026 Brett Peplinski
401-56	Updated PFAS requirements	Elizabeth Armstrong Feb 2026
401-57	Updated Water Resistance test line to be tested in the Fabric Stage	Kevin Makocy May 2026