

101-36 Knit Fabric Protocol					
PERFORMANCE	TEST METHOD	REQUIREMENT			
Initial Package					
Physical Properties					
Fiber Content	AATCC 20 / 20A 16 CFR 303 Wool Products Labeling Act- 16 CFR 300 Fur Products labelling Act - 16 CFR 301 Fur Products Identification Act -15 U.S.A 69	One Fiber Only: No Tolerance Two or More Fibers: +/- 3% deviation from the contracted fiber content. Functional Fibers i.e Spandex: +/- 2% max deviation from the contracted fiber content.			
Yarn Size	ASTM D 1059	Tolerance +/- 5 % Max			
Count	ASTM D 3887, AATCC/ASTM TS-002	Tolerance +/- 5 % Max			
Fabric Weight	ASTM D 3776	Deviation from contracted weight (g/m² OR oz/yd²): +/- 5% maximum			
Flammability	16 CFR 1610 16 CFR 1615/1616	Class 1 Non-exempt fabrics must be tested in every color Pass (Acceptance Criteria) The supplier must keep all children's sleep wear test records and samples for a period of 7 years			
Dimensional Change to Home Laundering, Dry Cleaning or Hand Wash	AATCC 135 (3 washes)/AATCC 158 (3 cycles) AATCC LP2 (Length X Width) Tide ® Powder Detergent Note: For low shrink programs refer to Performance Claims Protocol 401-15	FIBER CONTENT	FABRIC TYPE	SHRINK	
		100% COTTON	Jersey	6x6	
			Interlock, 1x1 rib, 2x2 rib	8x8	
			French Terry	8x8	
			Thermal (waffle)	8x8	
		CVC & Cotton Rich Stretch	Jersey	6x6	
			Pique	6x6	
			Interlock, 1x1 rib, 2x2 rib	8x8	
			Fleece, French Terry	8x8	
		Thermal (waffle)	8x8		
			100% POLY (All Synthetics)	Jersey, Interlock	5x5
				1x1 rib, 2x2 rib	6x6
		Fleece, French Terry		5x5	
		POLY/COTTON (All Synthetics)	Jersey, Interlock	5x5	
			1x1 rib, 2x2 rib	6x6	
			Fleece, French Terry	5x5	
	100% RAYON, Rayon/Spandex, Poly/Rayon, Poly/Rayon/Span (All Synthetics)	Jersey	6x6		
1x1 rib, 2x2 rib		6x6			
	Dry Cleaning (3 cycles)	All Fabrics		2x2	
		Allow 1% Growth Only			
Appearance Retention	AATCC/ASTM TS-008 Modified Tide ® Powder Detergent	Must meet all applicable Kohl's Appearance Evaluation Requirements (Refer KAR SOP)			
			Tier 1	Tier 2	
		Torque	5%	3%	
Bursting Strength	ASTM D 3786	lb/sq inch	Tier 1	Tier 2	
		< /= 4 oz/ sq yd	30	40	
		> 4 oz/ sq yd	40	50	
		> 12 oz/sq yd	50	60	
		Lace, mesh etc	15	15	
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.			
Colorfastness					
Colorfastness to Chlorine AND Non-Chlorine Bleach	AATCC/ASTM TS-001	Shade Change: Grade 4 min			
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		
		Pigment Dyed/Printed, Lightly Brushed, Sand Washed, Piled, Sulphur, Denim, Indigo & Silk blends:			
		dry	3.5		
		wet	2.0		
Analytical					

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 16 CFR 1615/1616	Class 1 Non-exempt fabrics must be tested in every color Pass (Acceptance Criteria) The supplier must keep all children's sleep wear test records and samples for a period of 7 years		
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 –	Children over 5T & Adults = 75 ppm max.		
	Sec. 5.3.1 (2) Method B, JIS Water Extraction Method	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		
Colorfastness to Chlorine AND Non-Chlorine Bleach	AATCC/ASTM TS-001	Shade Change: Grade 4 min		
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	
		Pigment Dyed/Printed, Lightly Brushed, Sand Washed, Piled, Sulphur, Denim, Indigo & Silk blends:		
		dry	3.5	
		wet	2.0	
REQUIRED WHERE APPLICABLE AT ADDITIONAL COST				
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		
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.		
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* (Active/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		
Pilling (Activewear / Outerwear)	ASTM D 3512		Tier 1	Tier 2
		30 Min	3.5	4.0
		60 Min	3.0	3.5
Stretch & Recovery /Tension & Elongation **For fabrics containing Spandex **Loose fitting- Note in test report (if available)	ASTM D4964-96(2012) E1 Modification: Take two 7.0 inch long width specimens from a large area of the fabric, 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 fabric 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		
(*) asterisk = ALL COLORWAYS MUST BE TESTED				
Minimum Sample Size Necessary for Testing				
Initial Package : 3 yards of full width fabric in darkest color				

Additional Colorway : 1 yard of full width fabric in all colors.

Additional samples may be needed for items that contain two care instructions, i.e. *"For Best Results, Dry Clean"*. Please consult with approved lab for the number of samples.

****Please refer to Kohl's preferred third party labs for individual and optional testing pricing**

If Formaldehyde Spot Test is found positive, additional charges will incur for additional testing.

For sizes 0-4T, Formaldehyde will be added as a separate charge as it is a mandatory test for this category.

If Colorfastness to Crocking fails in the original state, additional charges will be incurred for testing after 1 wash.

Turn Around Time = 4 working days

Care Instructions with "line dry or flat dry" may require an additional day.