

**PROTOCOL # 609-15**

**Electric Heated Blanket**

Performance Test	Test Method	Requirement
<b>Initial Package</b>		
<b>Label Verification</b>		
Label Review	Care Labeling 16 CFR 423  16 CFR 300/ 19 CFR 134  Textile Fiber Products Identification Act 16 CFR 303  Wool Products Labeling Act	<b>Verify Information on TRF matches the label</b>  Fiber content, Care, Country of Origin, Manufacturers Registration Number, Wool Products Registration Number must meet Federal Standards  If labeling or packaging is not attached to product, artwork must be provided
Tracking Label:  <b>Children's product: 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.</b> <b>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 (quality.assurance@kohls.com, product.integrity@kohls.com). **</i>	Kohl's Requirement	<b>TO BE MARKED AS PASS/FAIL</b> <b>Can be included on packaging when necessary:</b> Kohl's Assigned Factory Number Manufacture Date (Month/Year) UPC #
Packaging Review  Actual packaging or artwork must be provided	FPLA/ UPLR 16 CFR 500 & 19 CFR 134	Should be legibly marked with the following information and verified: -Distributor's name, trademark or other means of identification of the manufacturer or packer and address (City, State, Zip) -Product identification - Net quantity of the contents in terms of weight, measure or numerical count (metric & US standard) or a combination so as to give accurate information and facilitate value comparison by the consumer (if applicable) -Country of origin (if imported) -Product Size (if applicable) <b>Refer to Kohl's FPLA/ UPLR guideline</b>
Ratings*	UL 964, Twelfth Edition Section 41.1	Electrically heated bedding shall be rating in: a) watts, or amperes, and in b) volts
Ratings - AC Current*	UL 964, Twelfth Edition Section 41.2	A product shall be rated for use on alternating current. In additional the rating shall include the frequency, if necessary due to any component or control devices

Markings - Positioning*	UL 964, Twelfth Edition Section 42.1	The marking of electrically heated bedding shall be positioned near the connector where it is likely to be visible while the bedding is in position on the bed but without the stitching engaging any of the wiring. The marking shall be on one or more durable labels. At least two (opposite) edges of each label shall be securely attached to one side of the bedding, and each label shall remain legible after the five launderings required in 25.1 and 25.2
Markings - General*	UL 964, Twelfth Edition Section 42.2/42.13	The marking of electrically heated bedding shall include: a) Manufacturer's name, b) Trade name, trademark, or other descriptive marketing by which the organization responsible for the product may be identified, c) The date or other dating period of manufacture not exceeding any three consecutive months, d) A distinctive (catalog) (model) number or the equivalent and the, e) Electrical rating f) Factory code - if more than one factory
Performance Claims for Home Textile Products (1000)	Refer to Protocol 1000	All samples shall be reviewed against the requirements of the Performance Claims for Home Textile Products Protocol to determine if additional testing or labeling is required
<b>Performance Test</b>	<b>Test Method</b>	<b>Requirement</b>
<b>Label Verification</b>		
Markings - Contrast/Letter Height	UL 964, Twelfth Edition Section 42.3	The marking of electrically heated bedding shall provide good contrast between the lettering and background material and shall include the following warnings against common abuses in letters not less than: a) 1/8 inch (3.2 mm) in height for letters show in upper case b) 1/16 inch (1.6 mm) in height for letters show in lower case "READ INSTUCTIONS CAREFULLY  Do not use this bedding with an infant, a helpless person, or anyone insensitive to heat, such as a person with poor blood circulation (this item is not required in the case of a mattress, mattress pad, or foot warmer)  Do no tuck in the wired area of this bedding (this item is no required in the case of a mattress of bedding constructed with self-lining semiconductor heater wire),  Do not use dry-cleaning fluid on this mattress, cleaning solvents may have a deteriorating effect on the insulation of the heating element  Wash - Do not dry clean"

Markings - Types of Bedding*	UL 964, Twelfth Edition Section 42.4	Permanent marking shall appear on electrically heated bedding, except mattresses, provide with detachable cords and controls that are intended to be disconnected prior to washing per section
Markings - Hand Wash Only*	UL 964, Twelfth Edition Section 42.5	Bedding except mattresses, that is provided with an integral power-supply cord or that is intended to be hand washed only shall be permanently marked. Flag-type label not acceptable, with the following or equivalent wording per section. The letter height shall comply with the requirements in 42.3
Markings - Warnings*	UL 964, Twelfth Edition Section 42.8	A warning shall be printed substantially as follows on the inside of the carton or container cover in which the bedding is sold, except that this warning may be given on a separate card, instruction sheet or instruction booklet as described in 42.11 - the height-of-lettering requirement in 42.3 applies: a) "Be sure to read carefully the accompanying instruction booklet before using this bedding" b) "Do not use this bedding with an infant, a helpless person, or anyone insensitive to heat, such as a person with poor blood circulation" (this item may be omitted in the case of a mattress, mattress pad, or foot warmer) c) "Do not tuck in the wired area of this bedding" (this item may be omitted in case of a mattress) e) "Keep the control away from an open window" f) "Do not use pins - They may damage the electric wiring" g) "Be sure that this bedding is used on an alternating - current supply circuit of the proper voltage" h) "Turn off the electric current when this bedding is no in actual use" i) "Excessive heating may result from folding bedding, other than a mattress, when in actual use" j) "If improper operation of this bedding is observed, discontinue its use immediately and consult the manufacturer or the dealer regarding its repair"
Markings - Dry Cleaning*	UL 964, Twelfth Edition Section 42.9	Unless investigation has shown that the bedding, other than a mattress, is no adversely affected by dry cleaning, the following warning shall be included in the instructions: "Do no dry-clean this bedding. Cleaning solvents may have a deteriorating effect on the insulation of the heating element". The height of the letters requirement in 42.3 applies.
<b>Performance Test</b>	<b>Test Method</b>	<b>Requirement</b>
<b>Label Verification</b>		

Markings - Warning Card*	UL 964, Twelfth Edition Section 42.11	The warnings enumerated in 42.8-42.10 may be printed on a card of durable material, instruction sheet, or instruction booklet that is packed with the bedding, provided that the card also carries the legend IMPORTANT - INSTRUCTIONS - DO NOT DESTROY, or the equivalent, in letters no less than 3/8 inch (9.5 mm) high.
Markings - Control Units*	UL 964, Twelfth Edition Section 42.12	A control unit shall have a legible, readily visible marking that shall include the manufacturer's name, trademark, or other equivalent identifying marking, the catalog number or the equivalent, and the electrical ratings - including the frequency if necessary
Markings - Dual Controls*	UL 964, Twelfth Edition Section 42.14	If the case of bedding supplied with dual control units each control unit is not marked with electrical ratings of the portion of the bedding that it controls, one of the control units shall be marked with the complete electrical ratings for the bedding
Instructions - Use/Care*	UL 964, Twelfth Edition Section 42.15	A complete set of instructions explaining the care and use of the bedding and directions for laundering shall be furnished with the bedding
Markings - Through-Cord Switch*	UL 964, Twelfth Edition Section 42.16	A through-cord switch as mentioned in 11.1 shall have the "off" and each "low", "medium", "high" and other position indicated by marking on the switch in letters. If desired, the marking may also be in Braille.
Instructions - Polarized Plug*	UL 964, Twelfth Edition Section 42.17	The instructions provided with each appliance shall include the following: "This appliance has a polarized plug (one blade is wider than the other) as a safety feature. This plug will fit into a polarized outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to defeat this safety feature"
Regulatory Listing Mark*	Visual Check	Should have valid NRTL Listing Mark, eg. UL, ETL, or equivalent
FCC*	FCC Part 15	Unintentional digital devices shall comply with the applicable emission standards. Valid test report/certificate shall be provided for review.
FCC Labeling, Information to Users and Compliance Statement*	FCC Part 2, Part 15	Shall comply with the requirement of the applicable FCC rules
FCC Rules*	Document Check	Products shall have valid FCC report if operating frequency > 9 kHz for AC or operating frequency > 1.705 MHz for battery operated product
FCC Marking and Instruction*	Visual Check	Products shall have FCC required marking and instruction if operating frequency > 9 kHz for AC, or operating frequency > 1.705 MHz for battery operated product.
<b>Physical Properties</b>		

Fiber Content	AATCC 20/ 20A Wool Products Labeling Act	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
Count	ASTM D 3775/ ASTM 3887/ AATCC/ASTM TS-002	Report Actual Data
Fabric Weight	ASTM D 3776	Contracted Weight: +/- 5% max (oz/sq yd) deviation
Product Size	Kohl's TM-8	If claimed on packaging: Refer to Kohl's Private Brands Construction Standards for Bedding & Sheeting (under Tech Design tab) If not claimed on packaging: Report Actual
Yarn Size	ASTM D 1059	Contracted Yarn Size: +/- 5% max deviation
Product Weight	ASTM D 3776	Report Actual (lbs, ounces) Test on all sizes
Flammability	ASTM D 1230	Class 1
<b>Analytical</b>		
Tech Pack Verification* (Needs to be provided - Lab HOLD if not provided)	Visual Check	Verify all claims mentioned in Tech Pack file
Formaldehyde - Adults & children over 5T	Kohl's TM-5 JIS L 1041:2011 Sec. 8.1.3 & 8.1.4 Method A or B	Negative, If Spot Test is Positive/ inconclusive, proceed with step 2 Children <b>over 5T</b> & Adults = 75 ppm max.
Formaldehyde - Children's 0-5T	JIS L 1041:2011 Sec. 8.1.3 & 8.1.4 Method A or B	Children 0-5T = 20 ppm max.
pH Value	AATCC 81	All colorways: 5.0-8.0 (No Tolerance)
CA Prop 65*	Refer to protocol 1300	All samples shall be reviewed against the requirements of California Prop 65
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.
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
<b>Dimensional Change</b>		
Dimensional Change to Home Laundering or Dry-cleaning (entire sample to be washed)	AATCC 150 (after 3 washes) / AATCC 158 (1 cycle)  (Length x Width) Tide® Powder Detergent	Tier 1
		Wovens - 4% max
		Flannel -6% max
		Knits -8% max
		Dry Cleaning -2% max
		Growth +2% max
		Tier 2: Use same requirements as Tier 1, evaluate after 3 and 5 washes or 1 dry clean
Appearance Retention	AATCC/ASTM TS-008 Modified Tide® Powder Detergent	Must meet all applicable Kohl's Appearance Evaluation Requirements
<b>Strength &amp; Durability</b>		
Tensile Strength (wovens only)	ASTM D 5034  (CRT/CRE Tensile Testing Machine)	Tier 1
		≤ 4.0 oz/sq. yd 25 lbs min
		> 4.0 to ≤ 8.0 oz/sq. yd 35 lbs min
		> 8.0 oz/sq. yd 45 lbs min

		Tier 2: Use same requirements as Tier 1, evaluate original state & after 5 washes or 1 dry clean
Tear Strength (wovens only)	ASTM D 1424  (Elmendorf)	Tier 1
		≤ 4.0 oz/sq. yd   2 lbs min
		> 4.0 to ≤ 8.0 oz/sq. yd   2.5 lbs min
		> 8.0 oz/sq. yd   3 lbs min
		Tier 2: Use same requirements as Tier 1, evaluate original state & after 5 washes or 1 dry clean
Seam Slippage/ Seam Strength (wovens only)	ASTM D 1683	Tier 1
		All seams and seam slippage: 25 lbs min
		Tier 2: Use same requirements as Tier 1, evaluate original stat & after 5 washes or 1 dry clean
Bursting Strength (knits only)	ASTM D 3786	Tier 1
		Fabric   40 lbs /sq. inch
		Seams   30 lbs /sq. inch
		Tier 2: Use same requirements as Tier 1, evaluate original stat & after 5 washes or 1 dry clean
<b>Colorfastness</b>		
Colorfastness to Crocking	AATCC 8/116	<u>All fabrics/ dyes (except listed below):</u> <u>Dry - Grade 4 min</u> <u>Wet - Grade 3 min</u>  <u>Pigment Dyed/ Printed, Direct Dye, Vat Dye, Sulfur, Lightly Brushed, Piled, Indigo:</u> <u>Dry - Grade 3.5 min</u> <u>Wet - Grade 2 min</u>
Colorfastness to Light	AATCC 16 Option 3  10 AFU & 20 AFU	<u>All Colors (except listed below):</u> <u>Shade Change:</u> <u>10 AFU: Grade 4.0 min</u> <u>20 AFU: Grade 3.5 min</u>  <u>Neons/ Brights/ Whites/ Pastels:</u> <u>Shade Change:</u> <u>10 AFU: Grade 3.5 min</u> <u>20 AFU: Grade 3.0 min</u>
Colorfastness to Chlorine Bleach AND Non-Chlorine Bleach	AATCC/ASTM TS-001	Shade Change   Grade 4 min
<b>Construction &amp; Workmanship</b>		
Defeats	Visual	Shall have no discernible surface degradation, including crazing, shivering, denting, bubbles, cracks, stains, deformations, chips, fractures, heavy lines, waves, shear marks, scratches, scuff marks, indentations, or blisters
Workmanship	Visual	Shall have no components missing, malformed, and/or fractured

Covering of Electrical Parts	UL 964, Twelfth Edition Section 6.1	Except for the connector attached to the bedding, all electrical parts shall be enclosed in a shell or other covering of a fabric in which these are no openings. All stuffing, padding, springs, and similar nonelectrical components of bedding shall be outside this covering and shall not be detrimental to the covering or its electrical contents
Seams	UL 964, Twelfth Edition Section 6.2	All seams in the fabric enclosing electrical parts shall be strongly stitched or equivalently secured
Insulation	UL 964, Twelfth Edition Section 7.1	Electrical insulation is to be considered with respect to its acceptability for the particular application
Bushings/Barriers	UL 964, Twelfth Edition Section 7.2	Ordinary vulcanized fiber may be used for insulating bushings, washers, separators, and barriers, but no as the sole support for the uninsulated live parts where shrinkage, current leakage, or warpage may introduce a risk of fire or electric shock
Liner	UL 964, Twelfth Edition Section 7.3	An insulating liner shall be acceptable for the purpose. Vulcanized fiber or a similar material employed where spacings would otherwise be unacceptable shall be 1/32 inch (0.8 mm) thick or thicker, and shall be so located or of such material that it cannot be adversely affected by arcing
Heating Element	UL 964, Twelfth Edition Section 7.4	The heating element shall be electrically insulated for its entire length so that it is not in contact with the shell or other covering fabric at any point per section
Temperature Limitation	UL 964, Twelfth Edition Section 9	Bedding shall be provided with means to preclude the attainment of unacceptable temperatures per section
Control Units - Enclosure	UL 964, Twelfth Edition Section 10.1	The enclosure of a control unit shall be made of material acceptable for the particular application and, except for ventilation openings, shall completely enclose all uninsulated live parts and film-coated wire
Control Units - Vent Openings	UL 964, Twelfth Edition Section 10.2	A ventilation opening in a control unit is acceptable if the problem illustrated in Figure 10.1 - inserted pint first as far as possible into the opening - does not: a) enter the opening farther than 1/8 inch (3.2 mm), and b) touch any uninsulated live part or film-coated wire
Switches	UL 964, Twelfth Edition Section 11.1	Bedding that is not provided with a control unit shall be provided with a through-cord switch having an "off" position. The switch shall be acceptable for the particular application, shall have current and voltage ratings at least equal to the load controlled, and, in the case of multiple-heat bedding, shall have positions that facilitate adjustment of the bedding temperature
On/Off Switch	UL 964, Twelfth Edition Section 11.3	The switch or control unit that is used for appliance on-off operation shall be connected to the ungrounded conductor of the power supply cord

Supply, Control, Pigtail, and Interconnecting Cords	UL 964, Twelfth Edition Section 13.1	For connection to the supply circuit, each application shall be provided with a length of two-conductor Type SPT-1, SPE-1, SP-1, or heavier flexible cord, terminating in a polarized 2-wire attachment plug. This cord (supply cord) shall not be less than 6 feet (1.8 m) long
Supply Cord - Ampacity	UL 964, Twelfth Edition Section 13.5	The ampacity of the supply cord shall not be less than the current stated or implied in the ratings marked on the bedding
<b>Performance</b>		
Input Test	UL 964, Twelfth Edition Section 16.1	The wattage of current input to a product shall be more than 105 percent of the rated wattage or current
Control Impact	UL 964, Twelfth Edition Section 17.3	A control unit, while energized, is then to be subjected to 3 drops from a height of 3 ft (914 mm) onto a hardwood surface in a manner such that the control will strike in three different positions. Following the dropping, a check is to be made for exposure of live parts with the probe mentioned in 10.2 while the control is de-energized, and then - unless the control is found to be in a fall-safe condition - the cut-off temperature or the control is to be measured again with the thermocouple located in exactly the original position
Normal Temperature Test - Blankets, Sheets, Quilts, and Comforters	UL 964, Twelfth Edition Section 19.1.1	When a product is tested in accordance with 19.1.4 and 19.1.5, the temperature on the surface of the assembly, measured by a probe position between the product and the mattress, shall not be higher than 65°C (149°F)
Leakage Current Test	UL 964, Twelfth Edition Section 23.1	After immersion of the product proper - no controls, cord connectors, and the like - for 1 hour in a salt solution as described in 23.2, the leakage current shall not be higher than 5.01 mA when an a-c potential of 120V, or 0.5mA when a d-c potential of 120V, is applied between the solution and live parts of the product
Dielectric Voltage - Withstand Test	UL 964, Twelfth Edition Section 24.1	While still immersed in the salt solution mentioned in 23.2, the bedding shall be capable of withstanding for 1 minute without breakdown a 60Hz essentially sinusoidal potential of 1000V plus twice its rated voltage applied between the solution and live parts of the product





Colorfastness to Light	AATCC 16 Option 3 10 AFU & 20 AFU	<u>All Colors (except listed below):</u> <u>Shade Change:</u> <u>10 AFU: Grade 4.0 min</u> <u>20 AFU: Grade 3.5 min</u>  <u>Neons/ Brights/ Whites/ Pastels:</u> <u>Shade Change:</u> <u>10 AFU: Grade 3.5 min</u> <u>20 AFU: Grade 3.0 min</u>
Formaldehyde - Adults & children over 5T	Kohl's TM-5 JIS L 1041:2011 Sec. 8.1.3 & 8.1.4 Method A or B	Negative, If Spot Test is Positive/ inconclusive, proceed with step 2 Children <b>over 5T</b> & Adults = 75 ppm max.
Formaldehyde - Children's 0-5T	JIS L 1041:2011 Sec. 8.1.3 & 8.1.4 Method A or B	Children 0-5T = 20 ppm max.
pH Value	AATCC 81	All colorways: 5.0-8.0 (No Tolerance)
Ratings*	UL 964, Twelfth Edition Section 41.1	Electrically heated bedding shall be rating in: a) watts, or amperes, and in b) volts
Ratings - AC Current*	UL 964, Twelfth Edition Section 41.2	A product shall be rated for use on alternating current. In additional the rating shall include the frequency, if necessary due to any component or control devices
Markings - Positioning*	UL 964, Twelfth Edition Section 42.1	The marking of electrically heated bedding shall be positioned near the connector where it is likely to be visible while the bedding is in position on the bed but without the stitching engaging any of the wiring. The marking shall be on one or more durable labels. At least two (opposite) edges of each label shall be securely attached to one side of the bedding, and each label shall remain legible after the five launderings required in 25.1 and 25.2
Markings - General*	UL 964, Twelfth Edition Section 42.2/42.13	The marking of electrically heated bedding shall include: a) Manufacturer's name, b) Trade name, trademark, or other descriptive marketing by which the organization responsible for the product may be identified, c) The date or other dating period of manufacture not exceeding any three consecutive months, d) A distinctive (catalog) (model) number or the equivalent and the, e) Electrical rating f) Factory code - if more than one factory

Markings - Contrast/Letter Height	UL 964, Twelfth Edition Section 42.3	<p>The marking of electrically heated bedding shall provide good contrast between the lettering and background material and shall include the following warnings against common abuses in letters not less than:</p> <p>a) 1/8 inch (3.2 mm) in height for letters show in upper case  b) 1/16 inch (1.6 mm) in height for letters show in lower case  "READ INSTUCTIONS CAREFULLY</p> <p>Do not use this bedding with an infant, a helpless person, or anyone insensitive to heat, such as a person with poor blood circulation (this item is not required in the case of a mattress, mattress pad, or foot warmer)</p> <p>Do no tuck in the wired area of this bedding (this item is no required in the case of a mattress of bedding constructed with self-lining semiconductor heater wire),</p> <p>Do not use dry-cleaning fluid on this mattress, cleaning solvents may have a deteriorating effect on the insulation of the heating element</p> <p>Wash - Do not dry clean"</p>
<b>ADDITIONAL COLORWAY TESTING</b>		
Markings - Types of Bedding*	UL 964, Twelfth Edition Section 42.4	Permanent marking shall appear on electrically heated bedding, except mattresses, provide with detachable cords and controls that are intended to be disconnected prior to washing per section
Markings - Hand Wash Only*	UL 964, Twelfth Edition Section 42.5	Bedding except mattresses, that is provided with an integral power-supply cord or that is intended to be hand washed only shall be permanently marked. Flag-type label not acceptable, with the following or equivalent wording per section. The letter height shall comply with the requirements in 42.3

Markings - Warnings*	UL 964, Twelfth Edition Section 42.8	<p>A warning shall be printed substantially as follows on the inside of the carton or container cover in which the bedding is sold, except that this warning may be given on a separate card, instruction sheet or instruction booklet as described in 42.11 - the height-of-lettering requirement in 42.3 applies:</p> <p>a) "Be sure to read carefully the accompanying instruction booklet before using this bedding"</p> <p>b) "Do not use this bedding with an infant, a helpless person, or anyone insensitive to heat, such as a person with poor blood circulation" (this item may be omitted in the case of a mattress, mattress pad, or foot warmer)</p> <p>c) "Do not tuck in the wired area of this bedding" (this item may be omitted in case of a mattress)</p> <p>e) "Keep the control away from an open window"</p> <p>f) "Do no use pins - They may damage the electric wiring"</p> <p>g) "Be sure that this bedding is used on an alternating - current supply circuit of the proper voltage"</p> <p>h) "Turn off the electric current when this bedding is no in actual use"</p> <p>i) "Excessive heating may result from folding bedding, other than a mattress, when in actual use"</p> <p>j) "If improper operation of this bedding is observed, discontinue its use immediately and consult the manufacturer or the dealer regarding its repair"</p>
Markings - Dry Cleaning*	UL 964, Twelfth Edition Section 42.9	<p>Unless investigation has shown that the bedding, other than a mattress, is no adversely affected by dry cleaning, the following warning shall be included in the instructions: "Do no dry-clean this bedding. Cleaning solvents may have a deteriorating effect on the insulation of the heating element". The height of the letters requirement in 42.3 applies.</p>
Markings - Warning Card*	UL 964, Twelfth Edition Section 42.11	<p>The warnings enumerated in 42.8-42.10 may be printed on a card of durable material, instruction sheet, or instruction booklet that is packed with the bedding, provided that the card also carries the legend <b>IMPORTANT - INSTRUCTIONS - DO NOT DESTROY</b>, or the equivalent, in letters no less than 3/8 inch (9.5 mm) high.</p>
Markings - Control Units*	UL 964, Twelfth Edition Section 42.12	<p>A control unit shall have a legible, readily visible marking that shall include the manufacturer's name, trademark, or other equivalent identifying marking, the catalog number or the equivalent, and the electrical ratings - including the frequency if necessary</p>
Markings - Dual Controls*	UL 964, Twelfth Edition Section 42.14	<p>If the case of bedding supplied with dual control units each control unit is not marked with electrical ratings of the portion of the bedding that it controls, one of the control units shall be marked with the complete electrical ratings for the bedding</p>

Instructions - Use/Care*	UL 964, Twelfth Edition Section 42.15	A complete set of instructions explaining the care and use of the bedding and directions for laundering shall be furnished with the bedding
Markings - Through-Cord Switch*	UL 964, Twelfth Edition Section 42.16	A through-cord switch as mentioned in 11.1 shall have the "off" and each "low", "medium", "high" and other position indicated by marking on the switch in letters. If desired, the marking may also be in Braille.
Instructions - Polarized Plug*	UL 964, Twelfth Edition Section 42.17	The instructions provided with each appliance shall include the following: "This appliance has a polarized plug (one blade is wider than the other) as a safety feature. This plug will fit into a polarized outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to defeat this safety feature"
<b>OPTIONAL TESTING - (Required where applicable at additional cost)</b>		
Attachment Strength* A) Applies to all Rings/Sliders  B) Applies to Buttons, Snaps, Small Parts, Zipper Tab, etc.  C) Over 5T-Adult: Fragile Trims: Beads, Rhinestones, etc.	16 CFR 1500.51-53 Pt. F (Saf Q)	A) REQUIREMENT: 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: 5 lbs. for 10 seconds minimum
Resistance to Saliva for Children's Products	64 LFGB B82.92-3 Part 1	Color Change : Grade 4 min Staining: Grade 4 min
Sharp Points & Sharp Edges *	CPSC 16 CFR 1500.48 - 49	No sharp points or sharp edges – Refer to Product Safety Policy
Colorfastness to Water * (Color black fabric & contrast trim)	AATCC 107	Shade Change: Grade 4 min Self-Staining: Grade 4 min
Torque Tests for Removal of Components	ASTM F 963 (Table 5)	16 CFR 1500. No safety hazards
Tension Test for Removal of Components (Children products only) *	ASTM F 963 (Table 5)	16 CFR 1500. No safety hazards
<b>OPTIONAL TESTING - TOXICOLOGY TESTING (required where applicable at additional cost)</b>		
Lead Content in Surface Coating - Scrapeable in each color*	CPSC-CH-E1003-09.1	Children & Adult Products ≤ 90 ppm (0.009% total weight)
Total Lead in Substrate Material*	CPSC-CH-E1002-08.3/ CPSC-CH-E1001-08.3	Children of ALL ages - Accessible components in each part/ material ≤ 100 ppm (0.010% total weight)

Phthalates in each plasticized part/material such as PVC, Vinyl*	CPSC-CH-C1001.09.3	<p>Applies to ALL Children's Products</p> <p>≤ 1000 ppm max (0.1%) in each part of DEHP, DBP, BBP, DINP, DIDP, DnHP, DnOP, DIBP, DnPP, or DCHP</p> <p>ALL Adult products  ≤ 0.1% (1000 ppm) in each part of DEHP, BBP, DBP, DINP, DIDP, DnHP, DnOP, DIBP, DnPP, or DCHP</p>								
Soluble Heavy Metals*  Applies to Children's Toys	ASTM F 963	<p>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.</p> <p>Required for children's toys of ALL ages</p> <table border="0"> <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
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	<p><u>Lead and Cadmium</u> EPA SW 846 Method # 3050B/3051 (Mod.) / CPSCCH-E1003-09.1 / CPSC-CHE1002-08.1 / CPSC-CHE1001-08.1</p> <p><u>Phthalate</u> CPSC-CHC1001-09.3</p>	<p>Washington Children's Safe Products Act</p> <p>≤ 90 ppm (lead)  ≤ 40 ppm (Cadmium)  ≤ 0.1% (BBP, DBP, DEHP, DIDP, DINP, DnOP, DIBP, DnPP, DCHP, DnHP) (individually or in combination)</p> <p>Note: Actual test would be performed on below suggested accessible materials.</p> <table border="1"> <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 &amp; Plasticized materials</td> </tr> </tbody> </table> <p>The Washington standard cannot be enforced for products to which a federal standard applies.</p>	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

**Minimum Sample Size Necessary for Testing**

Recommended Size – Queen Size

**Initial Package**

8 finished products + 1 yard of fabric

**Additional Colorways**

2 finished products

**Toxicology Testing**

Consult with Lab for the number of samples

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

**Pricing: Please refer to Kohl's preferred third party labs for individual pricing**

Turn Around Time = 4-5 working days

Toxicology Testing = 6 working days

PROTOCOL VERSION	DESCRIPTION OF CHANGE	DATE REVISION/ APPROVED BY
609-1	1) Initial Release	May 2018/Charlene Swanson
609-2	Violet Nelson / Feb 2024	October 2018/Charlene Swanson
609-3	1) Added DnHP to Washington State Law requirements	December 2018/Charlene Swanson
609-4	1) Updated tracking label to add Adult Tracking label requirements	March 2019/Jackie Deppisch
609-5	1) Updated Adult Tracking Label to be marked DATA ONLY	March 2019/Jackie Deppisch
609-6	1) Updated phthalates testing to call out max total and max individual testing	April 2019/Charlene Swanson
609-7	1) Updated attachment strength requirements and added regulatory requirements for ages 0-5T	August 2019/Charlene Swanson
609-8	1) Updated Attachment strength for both performance and regulatory	August 2019/Charlene Swanson
609-9	1) Removed Plastic Bag warning testing 2) Removed "all garments" from Attachment strength requirements and removed plastic hanger loop testing	September 2019/Charlene Swanson
609-10	1) Added Tech Pack Verification	November 2019/Charlene Swanson
609-11	1) Updated Adult Tracking Label to REQUIREMENT	March 2020/J. Deppisch
609-12	1) updated all applicable tiering to just include tier 1 and tier 2	September 2021/ B. Becker
609-13	1) Added test line for all performance claims	March 2022 / Becky Becker
609-14	Added testline Softlines Regulatory Supplemental Protocol	Violet Nelson Oct. 28, 2022
609-15	Removed year from ASTM F963 test	Violet Nelson / Feb 2024