

**304-11**  
**Drawstrings/Cords & Tapes**

PERFORMANCE	TEST METHOD	REQUIREMENT
<b>INITIAL PACKAGE / FULL PACKAGE</b>		
<b>Physical Properties</b>		
Material Weight	ASTM D3776 - Option D (g/m)	Deviation from contracted weight: +/- 5% maximum
Width or Diameter	Kohl's TM-8	Report Actual Measurement in mm
Construction Quality	Kohl's TM-10	Smooth and even, no broken, snagged or pulled yarn as approved by Kohl's Tech Team
<b>Dimensional Change</b>		
Dimensional Change to Home Laundering AND Dry Cleaning	AATCC 135/158 (3 washes)/ Dry Clean (1 cycle) Tide ® Powder Detergent	Max +/- 5% in length
Appearance Retention after Laundering AND Dry Cleaning	AATCC/ASTM TS-008 Modified Tide ® Powder Detergent	Color Change: Grade 4 min. Staining: Grade 3 min.
<b>Strength &amp; Durability</b>		
Tensile Strength - wovens only	ASTM D5034 Modified	Report Actual Readings
<b>Colorfastness</b>		
Colorfastness to Chlorine Bleach AND Non-Chlorine Bleach	AATCC/ASTM TS-001	Shade Change: Grade 4 min
Colorfastness to Crocking	AATCC 8/116	Dry - Grade 4 min Wet - Grade 3 min
Colorfastness to Light	AATCC 16.3-2012 20 AFU	Color Change: Grade 4 min.
<b>ADDITIONAL COLORWAY TESTING</b>		
Appearance Retention after Laundering AND Dry Cleaning	AATCC/ASTM TS-008 Modified Tide ® Powder Detergent	Color Change: Grade 4 min. Staining: Grade 3 min.
Colorfastness to Chlorine Bleach AND Non-Chlorine Bleach	AATCC/ASTM TS-001	Shade Change: Grade 4 min
Colorfastness to Crocking	AATCC 8/116	Dry - Grade 4 min Wet - Grade 3 min
Colorfastness to Light	AATCC 16.3-2012 20 AFU	Color Change: Grade 4 min.
<b>REQUIRED WHERE APPLICABLE AT ADDITIONAL COST</b>		
Colorfastness to Sea Water* (Swimwear Only)	AATCC 106	Shade Change: Grade 4 min Staining: Grade 4 min
Colorfastness to Chlorinated Pool Water* (Swimwear Only)	AATCC 162	Shade Change: Grade 4 min
Resistance to Saliva* (Children Only - under 30 months)	Section 35 LMBG 82.10	Staining: Grade 4 min
<b>Analytical Test-REQUIRED WHERE APPLICABLE AT ADDITIONAL COST</b>		
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.
<b>TOXICOLOGY TESTING – REQUIRED WHERE APPLICABLE AT ADDITIONAL COST</b>		
Lead Content in Surface Coating - Scrapeable in each color*	CPSC-CH-E1003-09.1	Children & Adult Products  ≤ 90ppm (0.009% by weight)  Refer to Kohl's Product Safety Policy for additional requirement on Composite Testing
Total Lead in Substrate Material*	CPSC-CH-E1002-08.1/ CPSC-CH-E1001-08.1	Children's of ALL ages & Adult products  ≤90 ppm (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)	<p>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, DNOP, DIDP or DCHP individually.</p> <p>Component testing is allowed. Compositing up to 3 like materials is allowed. Product manufactured and imported as of April 25, 2018 must comply.</p>
<p>Soluble Heavy Metals*</p> <p>Applies to Children's Toys</p>	ASTM F 963-11	<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. Required for children's toys of ALL ages</p> <p>Mercury – 60 ppm                      Barium – 1000 ppm Antimony – 60 ppm                      Cadmium – 75 ppm Arsenic – 25 ppm                      Chromium – 60 ppm Selenium – 500 ppm                      Lead – 90 ppm</p>

(\*) asterisk= ALL COLORWAYS MUST BE TESTED

**Minimum Sample Size Necessary for Testing**

Initial Package: 10 yards of darkest colorway

Additional Colorway: 5 yards per colorway

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

Toxicology Testing

Consult with approved lab for the number of samples

Turn Around Time = 6 working days

PROTOCOL VERSION	DESCRIPTION OF CHANGE	DATE REVISION / APPROVED BY
304-1	<ol style="list-style-type: none"> <li>1. Changed Appearance Retention requirements to AATCC/ASTM TS-008.</li> <li>2. Removed Colorfastness to Laundering/Dry Cleaning test.</li> <li>3. Lead Content for Scrapable Surfaces – Changed requirement from 600 ppm to 90 ppm.</li> <li>4. Added – Lead Content Total Substrate, Heavy Metal Content and Phthalate test for children's products</li> </ol>	Nov. 2008/Ro Jain
304-2	<ol style="list-style-type: none"> <li>1. Lead Content in Surface coating – Updated test method to CPSC-CH-E1003-09</li> <li>2. Lead in Substrate – Updated test method to CPSC-CH-E1002/CPSC-CH-E1001-08 and requirement &lt;100 ppm from spring 2011</li> <li>3. Phthalates – Updated test method to CPSC-CH-C1001.09.2, added DNHP and applies to all children's products</li> </ol>	Nov. 2009/Ro Jain
304-3	<ol style="list-style-type: none"> <li>1. KAR Test – Added "Ultra" to Tide Detergent.</li> <li>2. Width or Diameter– Assigned test method # to Kohl's TM-8.</li> <li>3. Construction Quality – Assigned test method # to Kohl's TM-10.</li> <li>4. Lead in Surface Coating – Updated method to CPSC-CH-E1003-09.1. Added Adult requirement, &lt;90 ppm.</li> <li>5. Total Lead Substrate – Updated method to CPSC-CH-E1002-08.1/CPSC-CH-E1001-008.1.</li> <li>6. Phthalates – Updated method to CPSC-CH-C1001-09.3. Added Adult requirement, &lt;1000 ppm.</li> <li>7. Heavy Metals – Updated method to ASTM F963-08.</li> </ol>	Nov. 2011/Amy Her
304-4	<ol style="list-style-type: none"> <li>1. Lead in Substrate test – Starting Spring 2013, test is required on Adult products.</li> <li>2. Toxicology tests required on both Children &amp; Adult products.</li> </ol>	Sept. 2012 / Vinoth Deenadayalan
304-5	<ol style="list-style-type: none"> <li>1. Toxicology tests REQUIRED WHERE APPLICABLE.</li> <li>2. Updated Heavy Metals Test method to ASTM F963-11.</li> </ol>	Jan. 2013/ Vinoth Deenadayalan
304-6	<ol style="list-style-type: none"> <li>1. Removed "starting spring 2013" statement</li> <li>2. Added "coatings shall be tested" statement to the Phthalates test</li> <li>3. Heavy Metals – updated test method to ASTM F963-11</li> <li>4. C/f to Light – Updated test method to AATCC 16.3-2012.</li> </ol>	May 2013/ Vinoth Deenadayalan
304-7	Removed pricing for testing/took out Intertek/added approved lab statement	October 6th 2014/Nov. 31 2014/Leah Gross-Hutchison
304-8	Added Formaldehyde Testing	December 4th 2014- Michelle Zydek
304-9	<ol style="list-style-type: none"> <li>1. Updated phthalates testing to be most current</li> <li>2. Removed "Ultra" from Tide</li> <li>3. Updated formaldehyde to state "5T" instead of "4T"</li> </ol>	July 2023 / Charlene Swanson
304-10	Correct deminstantial stability requirement from max +5% in length to <b>max +/- 5% in length</b>	Sept. 2023 / Violet Nelson
304-11	<ol style="list-style-type: none"> <li>1) Updated Total Lead in Substrate requirement to be 90 ppm instead of 100 ppm, per labs advisement/MN Law</li> <li>2) Updated Phthalates to include DNOP and DIDP per labs advisement/MN Law</li> </ol>	Jan 2025/ Jackie Deppisch