

304-10
Drawstrings/Cords & Tapes

PERFORMANCE	TEST METHOD	REQUIREMENT
INITIAL PACKAGE / FULL PACKAGE		
Physical Properties		
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
Dimensional Change		
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.
Strength & Durability		
Tensile Strength - wovens only	ASTM D5034 Modified	Report Actual Readings
Colorfastness		
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.
ADDITIONAL COLORWAY TESTING		
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.
REQUIRED WHERE APPLICABLE AT ADDITIONAL COST		
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
Analytical Test-REQUIRED WHERE APPLICABLE AT ADDITIONAL COST		
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.
TOXICOLOGY TESTING – REQUIRED WHERE APPLICABLE AT ADDITIONAL COST		
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 ≤100 ppm (0.010% 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 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 963-11	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

(*) 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"> 1. Changed Appearance Retention requirements to AATCC/ASTM TS-008. 2. Removed Colorfastness to Laundering/Dry Cleaning test. 3. Lead Content for Scrapable Surfaces – Changed requirement from 600 ppm to 90 ppm. 4. Added – Lead Content Total Substrate, Heavy Metal Content and Phthalate test for children's products 	Nov. 2008/Ro Jain
304-2	<ol style="list-style-type: none"> 1. Lead Content in Surface coating – Updated test method to CPSC-CH-E1003-09 2. Lead in Substrate – Updated test method to CPSC-CH-E1002/CPSC-CH-E1001-08 and requirement <100 ppm from spring 2011 3. Phthalates – Updated test method to CPSC-CH-C1001.09.2, added DNHP and applies to all children's products 	Nov. 2009/Ro Jain
304-3	<ol style="list-style-type: none"> 1. KAR Test – Added "Ultra" to Tide Detergent. 2. Width or Diameter– Assigned test method # to Kohl's TM-8. 3. Construction Quality – Assigned test method # to Kohl's TM-10. 4. Lead in Surface Coating – Updated method to CPSC-CH-E1003-09.1. Added Adult requirement, <90 ppm. 5. Total Lead Substrate – Updated method to CPSC-CH-E1002-08.1/CPSC-CH-E1001-008.1. 6. Phthalates – Updated method to CPSC-CH-C1001-09.3. Added Adult requirement, <1000 ppm. 7. Heavy Metals – Updated method to ASTM F963-08. 	Nov. 2011/Amy Her
304-4	<ol style="list-style-type: none"> 1. Lead in Substrate test – Starting Spring 2013, test is required on Adult products. 2. Toxicology tests required on both Children & Adult products. 	Sept. 2012 / Vinoth Deenadayalan
304-5	<ol style="list-style-type: none"> 1. Toxicology tests REQUIRED WHERE APPLICABLE. 2. Updated Heavy Metals Test method to ASTM F963-11. 	Jan. 2013/ Vinoth Deenadayalan
304-6	<ol style="list-style-type: none"> 1. Removed "starting spring 2013" statement 2. Added "coatings shall be tested" statement to the Phthalates test 3. Heavy Metals – updated test method to ASTM F963-11 4. C/f to Light – Updated test method to AATCC 16.3-2012. 	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"> 1. Updated phthalates testing to be most current 2. Removed "Ultra" from Tide 3. Updated formaldehyde to state "5T" instead of "4T" 	July 2023 / Charlene Swanson
304-10	Correct deminstional stability requirement from max +5% in length to max +/- 5% in length	Sept. 2023 / Violet Nelson