


**PROTOCOL # 838-H**

**FABRIC STORAGE BAG**

Performance Test	Test Method	Samples	Test Principle/Requirements	Rating (Section or exec. Summary which failed items can be referenced)
<b>LABELING</b>				
Labeling / Packaging Review	FPLA 16 CFR 500 & 19 CFR 134	All Samples	Shall be legibly marked with the following information: -Distributor's name, trademark or other means of identification of the manufacturer or packer & 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)	
Verify Label Claims	Visual Check	All Samples	Shall meet label claims (If applicable). Remark any claim that is not verified.	
Adult Tracking Label: **If space limitations exist, contact Kohl's Quality Assurance & Product Integrity teams to discuss minimum required information quality. assurance@kohls.com	Kohl's Requirement	All Samples	Can be included on packaging when necessary: Kohl's Assigned Factory Number Manufacture Date (Month/Year) UPC #	
Chemical Disclosure / Labeling in Cookware	CA AB-1200 article 2 (mod) / CO HB-22 1345 sec. 25-15-604 (2)a-f (mod)/ Visual	All Samples	<p>"Cookware chemical disclosure labeling provided for CA AB-1200 and/or CO HB-22-1345 compliance pertaining to handles or any surface that comes into contact with food, foodstuff, or beverages shall meet the following:</p> <ol style="list-style-type: none"> <li>1) List of chemicals is introduced by the phrase ""The product contains: ""</li> <li>2) List of chemicals is followed by the phrase ""For more information about chemicals in this product, visit: / Para obtener más información sobre las sustancias químicas de este producto, visite: ""www.kohls.com/chemicaldisclosure"" and QR code which leads to that web address</li> <li>3) Lab must verify that all disclosed chemicals are present on the Kohl's TRF</li> <li>4) Labeling must be incorporated into retail packaging or printed on a sticker / hangtag which is affixed to retail packaging or the product. Fold out ""butterfly"" labels are acceptable. Printing on the inside of retail packaging or an information insert are not acceptable formats</li> </ol> <p>See example below:</p> <div data-bbox="776 1730 1235 1898" style="border: 1px solid black; padding: 5px;"> <p><b>This Product Contains:</b> (Este producto contiene:)   Chemical 1, Chemical 2, Chemical 3, Chemical 4, etc.</p> <p>For more information about chemicals in this product, visit: (Para obtener más información sobre las sustancias químicas de este producto, visite:) <a href="https://cs.kohls.com/app/answers/detail/a_id/4243?cid=ISMQR246&amp;utm_medium=ISM">https://cs.kohls.com/app/answers/detail/a_id/4243?cid=ISMQR246&amp;utm_medium=ISM</a></p>  </div>	

<b>PHYSICAL CHARACTERISTICS</b>				
Capacity (fl. oz. / mL)	Standard measure	1 Samples	Shall meet label claims.	Claim: Actual:
Dimensions	Standard measure	1 Samples	Report overall dimensions; shall meet label claims (if applicable).	Claim: Actual:
Weight	Standard measure	1 Samples	Report material weight; shall meet label claims (If applicable)	Claim: Actual:
Material weight (Oz. / Yd.2)	Standard measure	1 Samples	Report material weight; shall meet label claims (If applicable)	Claim: Actual:
Material thickness	Standard measure	1 Samples	Report material thickness; shall meet label claims (If applicable)	Claim: Actual:
<b>CONSTRUCTION QUALITIES</b>				
Sharp Points/Edges	16 CFR 1500.48 & 49 (Mod) / SOR/2011-17 (Mod)	All Samples	Shall have no sharp points/edges, other than those required for function. Mod.=expanded scope to other products	
Defects	Visual Check	All Samples	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 Check	All Samples	Shall have no components missing, malformed, and/or fractured.	
Print quality	Visual Check	All Samples	No major defects (Uniform Print)	
<b>PERFORMANCE TESTING</b>				
Actual use - functionality - not covered by other tests	Actual use	All Samples	Shall function as intended as received. Report details of evaluation (features tested / methods used / materials used / etc.) Report any features not evaluated.	
Breaking Strength of Textile Fabrics: Grab Test	ASTM D5034-09 (R2017)	2 Samples	Minimum 10 Lbf.	
Tearing strength: elmandorf apparatus	ASTM D1424-09 (R2019)	1 Samples	Shall be adequate for intended use Minimum 0.5 Lbf. / In.	
Failure in sewn seams: woven fabrics	ASTM D1683-17 (R2018)	1 Samples	Reinforced stress points: Minimum 15 Lbf.	
*Dishwasher Safe (If Claimed)	Kohl's TM 57 / CPSD-HL-01014-MTHD	1 Samples	5 dishwasher cycles or hand wash, soap and water (if so labeled) - no failure.	
Effects of Handwashing	Kohl's TM 32 / CPSD-HL-01016-MTHD	1 Sample	Shall exhibit no exterior surface degradation after hand washing 5 times per included instructions.	
Snap Attachment	In house method	All Samples	15 Lbf. for 10 seconds	
Resistance to Snapping and Unsnapping of Snap Fasteners	ASTM D4846-96 R2011	2 Samples	Minimum 2 Lbf.; Maximum 8 Lbf.	
*Shear Strength (Hook & Loop Only), if applicable	ASTM D5169-98 (R2015)	1 Sample for Each Direction	Lengthwise (original) : 10 lbs./in <sup>2</sup> Lengthwise (after 100 cycles) > 50% of the original (Mod.) Widthwise (original): 5.5 lbs./in <sup>2</sup> Widthwise (after 100 cycles) > 50% of the original (Mod.)	

*Peel Strength (Hook & Loop Only), if applicable	ASTM D5170-98 (R2015)	1 Sample	Original: 0.4 lb./in. After 100 cycles: 0.3 lbs./in. (mod)	
Snap operability	Actual use	1 Sample	No failure - 100 repeated cycles open / close	
Operability of zippers	ASTM D2062 -03 R2014	1 Sample	5 Lbf. (Maximum)	
Strength tests for zippers	ASTM D2061 -07 R2013	2 Samples	Cross Widthwise Strength: 50 lbf Minimum Scoop Pull: 10 lbf Minimum Top Stop: 20 lbf Minimum Bottom Stop: 20 lbf Minimum Slider Torque: 2 in-lbf Minimum Slider Pull: 5 lbf Minimum	
<b>COLORFASTNESS</b>				
*Colorfastness to light	AATCC 16.3-14	1 Sample	[Option 3]  Minimum Class 4.0 @ 10 hours	
*Colorfastness to crocking	AATCC 8-16 / 116-18	2 Samples	Dry: Grade 4.0 Minimum Wet: Grade 3.0 Minimum	
*Colorfastness to water	AATCC 107-13	1 Sample	Minimum Class 4.0	
<b>ANALYTICAL</b>				
*Lead In Scrapable Surface Coating	ASTM E1613/E1645	1 Sample	≤90 ppm (0.0090% by weight) (CPSA – 16 CFR 1303)	
*Toxicology (Plastics and polymeric coating)	21 CFR 175/177	1 Sample	Must comply with applicable requirements of FDA.	
*Bisphenol A (BPA) Content  Scope: 1) Reusable food or beverage containers (ie, food contact), including lid, cup, etc). 2) Sports bottles	Solvent extraction and analysis by LC/MS  Various US State Laws (CT, WA, NY, DE, IL, MA, MD, ME, MN, NV, VT, WI, the District of Columbia, Chicago City)	All Samples & All Colorways	<b>Shall not contain any detectable level of Bisphenol A</b>  Remark: Actual testing shall be done on all accessible plasticized material including coatings and plastic.  Exempt Materials: Glass, Metal, Wood, Textiles.  Plastic layer or coating on exempt material shall need to be tested. Vendor shall be responsible for compliance of other materials.	
PFAS Supplemental Protocol (1600)	Refer to Protocol 1600	All Samples	All samples shall be reviewed against the requirements of PFAS Supplement Protocol to determine if additional testing or labeling is required	
Total Lead	Metal: CPSC-CH-E1001-08.3 Non Metal: CPSC-CH-E1002-08.3 Surface Coating: CPSC-CH-E1003-09.1	1 Sample	90ppm Minnesota 325E.3892 (HF 2310)  Products preempted by federal & state law (e.g., CPSC, FDA, etc) are exempt from testing.  Product exemptions for CPSC (16 CFR 1500.91 (d) and (e), 16 CFR 1500.88 and 16 CFR 1252)	
Total Cadmium	Substrate & Surface Coating: EPA or ASTM method from AFIRM or CPSC methods	1 Sample	40ppm (children) Washington State CHCC	

Total Cadmium	Substrate & Surface Coating: EPA or ASTM method from AFIRM or CPSC methods	1 Sample	75ppm Minnesota 325E.3892 (HF 2310)  Product Exemptions by federal & state law (e.g., CPSC, FDA, etc) are exempt from testing.'	
Food Contact Supplemental Protocol (State Regulations Only)	Refer to Protocol 1800	All Samples	All samples shall be reviewed against the requirements of Food Contact Supplemental Protocol (State Regulation Only) to determine if additional testing or labeling is required	

**PRICING AND ADDITIONAL NOTE:**

**\*Please refer to Kohl's preferred third party labs for individual pricing and sample size.**

**\*In addition to this protocol, any products designed for, intended for or appealing primarily to children, requires additional testing per Kohl's Testing Protocol # 601**

PROTOCOL VERSION	DESCRIPTION OF CHANGE	Revised By	Approved By
838-A	Initial Release	Elizabeth Armstrong Aug 31, 2020	Elizabeth Armstrong Aug 31, 2020
838-B	Updated hook and loop testing requirements	Elizabeth Armstrong Sept 17, 2020	Elizabeth Armstrong Sept 17, 2020
838-C	Added PFAS supplements testing requirements	Elizabeth Armstrong March 2022	Elizabeth Armstrong March 2022
838-D	Updated BPA Content test line	Kevin Makocy October 2023	Kevin Makocy October 2023
838-E	Added test methods Total Lead and Total Cadmium (Adults & Childrens)	Violet Nelson November 2023	Violet Nelson November 2023
838-F	Added Chemical Disclosure / Labeling in Cookware test line	Kevin Makocy December 2023	Kevin Makocy December 2023
838-G	Updated MN Law to include exemptions	Elizabeth Armstrong March 2024	Elizabeth Armstrong March 2024
838-H	Added new Food Contact Supplemental protocol (1800) requirements	Isaac Grossman September 2024	Isaac Grossman September 2024