

PROTOCOL # 913-O

BACKPACK / DUFFLE/ MESSANGER / FANNY PACK - FOR GENERAL CASUAL USE

Performance Test	Test Method	Samples	Requirement	Rating (Section or exec. Summary which failed items can be referenced)
LABELING				
Labeling / Packaging Review	FPLA 16 CFR 500 & 19 CFR 134	All Samples	Should 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 (only applicable) Country of origin (if imported)	
Leather and Imitation Leather	Visual Check	All Samples	Must conform to FTC Guides. Only the top grain leather can be labeled "Genuine" or "Top Grain" A disclosure of the percentage of leather fibers & non-leather substances in the composite or bonded leather.	
Import Permit (For Natural Materials Only) if Applicable	US Department of Agriculture Animal and Plant Health Inspection Service (APHIS), Plant Protection and Quarantine (PPQ)	All	Product shall not have prohibited materials present per US Department of Agriculture, Animal and Plant Health Inspection Service (APHIS), Plant Protection and Quarantine (PPQ) Documentation and/ or proper permit(s) for specific product shall be supplied along with Testing Request form and samples. Permit information may be found at: https://www.aphis.usda.gov/wps/portal/aphis/home/ It is the vendor's responsibility for the compliance to relevant requirements.	
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	Can be included on packaging when necessary: Kohl's Assigned Factory Number Manufacture Date (Month/Year) UPC #	
PHYSICAL CHARACTERISTICS				
Dimension (L x W x H)	Std. Measure	1 Sample	As claimed/measured (+/- 3% max.)	
Handle Drop	Std. Measure	1 Sample	As claimed/measured (+/- 3% max.)	
Shoulder Strap Drop Circle	Std. Measure	1 Sample	As claimed/measured (+/- 3% max.)	
Internal Capacity (Volume)	Std. Measure	1 Sample	As claimed/measured (+/- 5% max.)	
CONSTRUCTION QUALITIES				
Kohl's Workmanship Review	Visual Check / Actual Use	1 Sample	All components shall be provided as claimed and shall not be deformed or fractured. All hardware shall be provided All welds shall be smoothly finished and free from pits and splatter All components shall not contain any burrs or sharp edges (test by touch or sight) Product shall not contain any loose components or unsecured fastening where rigidity is required	
Fabric Weight (Textiles)	ASTM D3776	1 Sample	As claimed/as measured (± 5% max.)	
Thickness In Mils (Leather)	ASTM D1813	1 Sample	As claimed/as measured (± 10% max.)	
Thread Count	ASTM D3775	1 Sample	As claimed/as measured (± 5% max.)	
Tensile Strength	ASTM D5034	Sample	Shell (textile): Tier 1: 40lbs Tier 2: 45lbs Shell (vinyl): Tier 1: 25lbs Tier 2: 30lbs Lining: (excluding mesh fabric material) Tier 1: 20lbs Tier 2: 25lbs	
Tensile Strength (Leather)	ASTM D2209	1 Sample	Min. 40 lbs.	
Tear Strength (Upper Surface of Main Shell/Back Shell/Bottom Shell/Major Outer Materials Only)	ASTM D1424	1 Sample	Textile and vinyl materials: Min. 6 lbs. (including shoulder strap)	
Bursting Strength (Mesh Shell/Pocket/ Lining Only)	ASTM D3787	1 Sample	Min. 25 lbs.	
Seam Strength – Side	ASTM D1683	1 Sample	Tier 1: 30lbs./in. Tier 2: 35lbs./in.	

Seam Strength – Bottom	ASTM D1683	1 Sample	Tier 1: 35lbs./in. Tier 2: 40lbs./in.	
Zipper Seam Strength	ASTM D1683	1 Sample	Tier 1/Tier 2 Tier 3 Min. 30 lbs./in. Min. 35 lbs./in.	
Reinforced Stress Points	ASTM D1683	1 Sample	Min. 25 lbs. Min. 15 lbs. (inner pockets without zipper)	
Handle Drop/Strap Strength 45° & 90°	ASTM D1683	1 Sample	Tier 1: 35lbs./in. Tier 2: 45lbs./in.	
Shoulder Strap Strength 45° & 90°	ASTM D1683	1 Sample	Tier 1: 50lbs./in. Tier 2: 60lbs./in.	
Yarn Slippage – Lining at ¼ inch	ASTM D1683	2 Samples	Tier 1: 30lbs./in. Tier 2: 35lbs./in.	
Attachment Strength Of Buckles, Hooks, D-Rings, Toggles and Other Related Hardware	ASTM D1683	1 Sample	Min. 30 lbs. (Functional) Min. 15 lbs. (Decorative)	
Snapping / Unsnapping Force	ASTM D4846	2 Samples	Min. 2 lbs/ Max. 8 lbs.	
VELCRO:				
*Shear Strength	ASTM D5169	1 Sample for Each Direction	- Lengthwise (original) : 10 lbs./in ² - Lengthwise (after 250 cycles) > 50% of the original (Mod.) - Widthwise (original): 5.5 lbs./in ² - Widthwise (after 250 cycles) > 50% of the original (Mod.)	
*Peel Strength	ASTM D5170	1 Sample	Original: 0.4 lb./in. After 250 cycles: 0.3 lbs./in. (Mod.)	
ZIPPER:				
Operability (open/closed)	ASTM D2062 (Mod.)	1 Sample	Remains functional after Tier 1: 500 Cycles Tier 2: 700 Cycles	
Cross Widthwise Strength	ASTM D2061	1 Sample	Min. 50 lbs.	
Scoop Pull	ASTM D2061	1 Sample	Min. 10 lbs.	
Top Stop	ASTM D2061	1 Sample	Min. 20 lbs.	
Bottom Stop	ASTM D2061	1 Sample	Min. 20 lbs.	
Slider Torque	ASTM D2061	1 Sample	Min. 4 in-lbf.	
Slider Pull	ASTM D2061	1 Sample	Min. 15 lbs.	
Abrasion Resistance (Textile & Leather)	ASTM D3886	1 Sample	No removal of upper surface of main shell/back shell/bottom shell/ major outer materials (including shoulder straps) at 500 cycles	
Abrasion Resistance (Vinyl/Polymeric)	ASTM D3886	1 Sample	No removal of upper surface of main shell/back shell/bottom shell/major outer materials (including shoulder straps) at 2,000 cycles	
Hardware Operability (Buckle, Hooks, D-rings, Toggles, Misc. Hardware)	Actual Use	1 Sample	No loss of serviceability after 100 cycles of operation. No structural failure or adverse effect. No accessible sharp point and/or edge.	
Dynamic Loading (for zipper only)	Kohl's TM 42	1 Sample	No material and/or structural failure after no. of cycles of lifting a loaded sample by shoulder straps to a height of 14 inches from a rest position. Total test load applied is dependent upon the external dimension of the sample (width x height): - 20 lbs. with size of less than 12" x 16" - 35 lbs. with size of 12" x 16" or larger Test load should be distributed evenly to the extent that is physically feasible. Tier 1: 500 Cycles Tier 2: 1000 Cycles	
Water Repellency (Main and Bottom Fabrics)	AATCC 22	1 Sample	Min. 90 rating	
*Rain Test (Main and Bottom Fabrics – Only if Claimed)	AATCC 35	1 Sample	Max. 1.0 gm water penetration at 2 ft for 2 min.	
*Resistance To Corrosion (Metal Components)	Kohl's TM 31	1 Sample	No major visual change, corrosion or staining after 24 hours @ 100° F (38° C) and 99% R.H.	
*Component Attachment Strength (Children's Products Only)	16 CFR 1500/1501	1 Sample	15 lbs. for 10 seconds. No detachment of snap, button, buckle and all other functional and non-functional items that could result in potential sharp point, sharp edge or small parts hazards.	
WHOLE PRODUCT:				
Tip-over Test (For backpack with telescopic handle)	Kohl's TM 43	1 Sample	No loss of serviceability or structural damage to the handle, frame support or caster assembly after tipping over the loaded backpack, with the handle fully extended, against 1-inch obstruction. The tipping force shall be not less than 2 lbs.	
Drop Impact Test	Actual Use	1 Sample	Sample shall not produce any breakage, cracking or other abnormalities after 3 drops from a height of 36" onto a vinyl-tiled concrete floor.	
Handle - Static Loading	Kohl's TM 44	1 Sample	No loss of serviceability, loosening or breakage of connecting parts or permanent deformations after applying a static load to the handle for 1 hour. - 20 lbs. with size of less than 12" x 16" - 35 lbs. with size of 12" x 16" or larger	

Handle - Dynamic Loading	Kohl's TM 42	1 Sample	No material and/or structural failure after no. of cycles of lifting a loaded sample by shoulder straps to a height of 14 inches from a rest position. Total test load applied is dependent upon the internal capacity of the sample: - 0.5 kg for Internal Capacity ≤ 2L - 1 kg for Internal Capacity < 2L - 4L - 2 kg for Internal Capacity < 4L - 8L - 3 kg for Internal Capacity < 8L - 12L - 4 kg for Internal Capacity < 12L - 16L - 5 kg for Internal Capacity < 16L - 20L - 6 kg for Internal Capacity > 20L Tier 1: 500 Cycles Tier 2: 1000 Cycles	
Telescopic Handle – Durability (For backpack with telescopic handle)	Kohl's TM 45	1 Sample	No loss of serviceability, loosening or breakage of connecting parts or permanent deformations after 500 cycles of extension and retraction.	
Casters - Shock Resistance (For backpack with casters)	Kohl's TM 46	1 Sample	No loss of serviceability, loosening or breakage of connecting parts, slackness of the caster assembly after running the loaded backpack on a revolving drum with 1 cm bump for 15 minutes.	
Casters - Durability (For backpack with casters)	Kohl's TM 47	1 Sample	No loss of serviceability, loosening or breakage of connecting parts, slackness of the caster assembly after running the loaded backpack on a treadmill at a speed of 5 Km/hr for 15 minutes.	
#Claim Verification (If Claimed)	Visual Check / Actual Use	1 Sample	All designs and features must conform to actual claim	CLAIM:
COLORFASTNESS				
Dry Crocking	AATCC 8/116	1 Sample	Class 4.0 (textile) Class 3.0 (leather/suede/inner lining)	
Wet Crocking	AATCC 8/116	1 Sample	Class 3.0 (textile) Class 2.0 (leather/suede/inner lining)	
Light Fading	AATCC 16 Option 3 20AFU	1 Sample	Class 3.5 (textile) Class 3.0 (leather/suede)	
Perspiration (Outer Shell, Handle Drop, Back Support & Shoulder Strap Only)	AATCC 15	1 Sample	Class 3.0 (change in shade/staining)	
ANALYTICAL				
*Lead In Scrapable Surface Coating	CPSC-CH -E1003-09	1 Sample	≤90 ppm (0.009% by weight). (CPSA - 16 CFR 1303)	
*CA Prop 65	Refer to Protocol 1300	All Samples	All samples shall be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required.	
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	
Pentachlorothiophenol (PCTP)	Environmental Protection Agency, 86 FR 894, Final Rule, 40 CFR Part 751, Subpart E	All Samples	≤ 1 % (10000 mg/kg)	
Hexachlorobutadiene (HCBD)	Environmental Protection Agency, 86 FR 894, Final Rule, 40 CFR Part 751, Subpart E	All Samples	Prohibited	
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 / Date	Approved by / Date
1207 – 0	Initial Release		Simon Leung Sept 25, 2006	Ro Jain Sept 1, 2006
1207 – 1	Replaced Lead in PVC by Lead in Accessible Substrate Material Test. Updated Leather & Imitation Leather Labeling to Include Bonded Leather. Price Adjustment		Simon Leung Oct 24, 2008	Ro Jain Oct 31, 2008
1207 - 2	Replaced Lead in Accessible Substrate for Lead in PVC and changed to 200ppm due to Quicksilver Settlement		Elizabeth Armstrong May 28, 2009	Ro Jain May 28, 2009
913-A	Changed protocol number from 1207-2 to 913-A. Changed lead in surface coating to 90ppm from 600ppm, price adjustment. Changed test method for scrapable surface to CPSC. Changed title		Elizabeth Armstrong April 1, 2010	Ro Jain April 1, 2010
913-B	Updated pricing for CF to light, exempt fabric from lead in substrate, added phthalates testing		Elizabeth Armstrong Sept 15, 2011	Ro Jain Sept 15, 2011
913-C	Added composite testing requirements for phthalates testing		Elizabeth Armstrong Feb 1, 2012	Ro Jain Feb 1, 2012
913-D	Change phthalate requirements to match luggage prop 65 requirements, only testing luggage tags, zipper pulls and cosmetic bags for phthalates		Elizabeth Armstrong July 23, 2012	Ro Jain July 23, 2012
913-E	Separate the test line of Prop 65 to supplementary protocol		Joyce Ho March 5, 2013	Ro Jain April 15, 2013
913-F	Differentiate the performance rating to Tier 1/Tier 2/Tier 3		Joyce Ho Oct 4, 2013	Ro Jain Feb. 10, 2014
913-G	Price Adjustment on chemical tests and performance test in additional charge section		Candy Chan Jul 30, 2014	Jeetendra Shelatkar Aug 4, 2014
913-H	Renamed in-house methods		Candy Chan Sep. 4, 2014	Elizabeth Armstrong Oct 27, 2014
913-I	Added modification and updated method for drop test		Elizabeth Armstrong May 5, 2016	Elizabeth Armstrong May 5, 2016

913-J	Added yarn slippage testing	Elizabeth Armstrong Dec 5, 2016	Elizabeth Armstrong Dec 5, 2016
913-K	Added import permit and adult tracking label req	Elizabeth Armstrong April 22, 2019	Elizabeth Armstrong April 22, 2019
913-L	Removed "data only" from the adult tracking label	Elizabeth Armstrong June 15, 2020	Elizabeth Armstrong June 15, 2020
913-M	Removed Tier 3 from Tensile Strength, Seam Strength - Side, Seam Strength - Bottom, Zipper Seam Strength, Handle Drop/Strap Strength 45 ° & 90 °, Shoulder Strap Strength 45 ° & 90 °, Yarn Slippage – Lining at ¼ inch, Operability (open/closed), Dynamic Loading	Elizabeth Armstrong Dec 2021	Elizabeth Armstrong Dec 2021
913-N	Added Fanny Pack to title, updated email for adult tracking label, added PFAs supplemental protocol test line, added Pentachlorothiophenol and Hexachlorobutadiene test lines, updated roller backpack section to whole product, updated tip-over test line, removed Drop Test, added Drop Impact Test, added Handle Dynamic Loading, updated Handle Durability to Telescopic Handle – Durability, updated casters test line to include if backpack includes casters, updated casters durability to be applicable for backpacks with casters	Charlene Swanson October 2023	Charlene Swanson October 2023
913-O	Update zipper section of dynamic loading to state "for zipper only"	Charlene Swanson May 2024	Charlene Swanson May 2024