

Title: **CELL PHONE CASE or ACCESSORIES (Non-children product)**
 Protocol Number: **KOHL'S – 916-F**

Test Property	Test Method	Samples	Test Principle / Requirements	Rating (Section or exec. Summary which failed items can be referenced)
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LABELING				
Labeling / Packaging Review	FPLA 16 CFR 500 & 19 CFR 134	All Samples	Should be legibly marked with the following information: <ul style="list-style-type: none"> 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 Country of origin (if imported) 	
Verify Label Claims	Visual Check	All Samples	The labeling must comply and valid with all claims.	
Adult Tracking Label: **If space limitations exist, contact Kohl's Quality Assurance & Product Integrity teams to discuss minimum required information mr.qa.pi@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				
None				

CONSTRUCTION QUALITIES				
Kohl's Workmanship Review	Visual Check / Actual Use	All Samples	<ul style="list-style-type: none"> 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 Product shall not tip over during casual handling 	

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PERFORMANCE				
Effects Of Extreme Temperature/Humidity (Environmental)	Kohl's TM 30	1 Sample	24 hours @ 0° F (-18°C) and 24 hours @ 95% RH/120° F (49°C). No failure or adverse effect.	
* Cross-Cut Adhesion Test (For Paint and Coating on Metal Part)	ASTM D3359 Method B (Mod.)	1 Sample	Using 100-grid test method, each grid is 1 mm x 1 mm. There shall be no less than 4B (percent area removed less than 5%) as per classification of ASTM D3359. Modification = 3M 610 Tape	
Impact Resistance	ASTM F963	1 Sample	4 drops onto impact medium from 3 feet height. All mechanical parts shall remain intact and functional. No loosening of fixed components. No accessible sharp edge or non-functional sharp points. No visual defects.	
Functionality Test (phone accessory)	Actual Use	1 sample	Shall withstand 100 cycles of operation. No failure or adverse effects. Note: Dummy cell phone shall be provided by supplier.	
#Claim Verification (If Claimed)	Visual Check / Actual Use	1 Sample	All designs and features must conform to actual claim	Claim:
Tear Strength (Textile) (Upper	ASTM D1424	2 Samples	Min. 2.0 lbs.	
Tear Strength (Leather) (Upper	ASTM D4705	2 Samples	Min. 3.0 lbs.	
*Bursting Strength (Knits)	ASTM D3786	2 Samples	Min. 30 lbs.	
Seam Strength	ASTM D1683	2 Samples	Min. 25 lbs. / in.	
Snapping / Unsnapping Force	ASTM D4846	2 Samples	Min. 2 lbs/ Max. 8 lbs.	
Snap / Button Attachment	16 CFR 1500	1 Samples	17lbs for 10 sec.	
Reinforced Stress Points	ASTM D1683	1 Sample	Min. 10 lbs.	
Dry Crocking	AATCC 8/116	1 Sample	Class 4.0 (textile) Class 3.0 (leather/suede/denim/inner	
Wet Crocking	AATCC 8/116	1 Sample	Class 3.0 (textile) Class 2.0 (leather/suede/denim/inner	
Light Fading	AATCC 16 Option 3	1 Sample	Class 4.0 (textile), Class 3.0 (leather/suede)	
Adhesion (for accessory with sticker)	Actual Use	2 Samples	Shall not curl or release after 24 hours at ambient room temperature, when applied to a suitable test surface (i.e. plastic & metal, etc).	
Tensile strength test (for phone ring)	With reference to ASTM F963	1 Sample	Should withstand a tensile force of 15 lbs without failure.	
Ease of Removal	Actual Use	1 Sample	Must not leave mark or adhesive when removed from surface	
Effects of Cold	Kohl's TM 15	1 Sample	No separation or loss of adhesion after 0°F (-18°C) for 24 hours.	
Effect of Heat	Kohl's TM 16	1 Sample	No separation or loss of adhesion after 140°F (60°C) for 24 hours.	



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ANALYTICAL				
*Lead In Scrapable Surface Coating	CPSC-CH-E1003-09	1 Sample	≤90 ppm (0.0090% by weight) (CPSA – 16 CFR 1303)	
*Lead In Accessible Substrate Material	EPA SW 846 Method# 3050B/3051A /3052 (Mod.) CPSC-CH-E1001-08 and/or CPSC-CH-E1002-08	1 Sample	≤ 200 ppm (Not exceeding 0.020% by weight) (Calif. Prop 65 & CPSA) <i>Note:</i> <ul style="list-style-type: none"> All components that could be touched by a person during normal and reasonably foreseeable use are considered to be accessible. Material exempted from testing: Textiles, natural & manufactured fibers and certain other materials as determined by CPSC (16 CFR 1500.91). 	
*Phthalates In Plasticized Material (DEHP, BBP, DBP, DIDP, DINP, DnOP, DnHP) <i>Accessible Components Only</i> (Calif Prop. 65)	CPSC-CH-C1001-09.3	1 Sample	Not exceeding 0.1% by weight (each). <i>In the case of composite testing:</i> “Pass” or “fail” criteria will be based on the number of plasticized materials within the composite. <ul style="list-style-type: none"> 2 materials - 0.04% by weight (each) 3 materials - 0.0266% by weight (each) <i>Note:</i> Vendor can select to do composite testing of up to a maximum of 3 plasticized materials. Must switch to individual material testing after 2 failing attempts.	



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PRICING AND ADDITIONAL NOTE:

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

** It is the suggested number of samples required for basic package testing only. It may vary depending on the actual samples and no. of tests that are required for testing. Please consult your nearest laboratory for details.



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Protocol Number:	Description of Change	Revised by / Date	Approved by / Date
916- A	Initial Release	Elizabeth Armstrong May 30, 2012	Ro Jain May 30, 2012
916 - B	Title Amended, Functionality Test of Phone Accessory Added.	John Wong Oct 24, 2012	Elizabeth Armstrong Oct 26, 2012
916 - C	Updated chemical test pricing	Candy Chan Jul 30, 2014	Jeetendra Shelatkar Aug 4, 2014
916 - D	Renamed all in-house method	Candy Chan Sep. 4, 2014	Elizabeth Armstrong Oct 27, 2014
916-E	Added in performance testing to cover credit card phone sticker and phone ring testing	Elizabeth Armstrong March 5, 2018	Elizabeth Armstrong March 5, 2018
917-F	Added adult tracking label requirements	Elizabeth Armstrong June 15, 2020	Elizabeth Armstrong June 15, 2020