

Intertek
Test Specification



Product:	Keychain		
Scope:	Includes keychain and trinket products.	Protocol No.	TYCP-01017-NA
		Version	1.0
		Issue Date	15 Jan 2013
		Prepared by	Intertek HK - TFH
		Page	1 of 6

NB: Where there is no applicable US or CN standard, Intertek has chosen the most relevant International standards to assess the product safety and performance. For undated references, the latest edition of the referenced document (including any amendments) applies.

Attribute	Citation	Requirement / Limit	Result
Supplemental Protocols			
*Battery Operated Product (If applicable)	Refer to TYCP-PS001(NA)	Battery operated product shall be reviewed and tested according to the requirements of TYCP-PS001(NA).	
*Batteries (If applicable)	Refer to TYCP-PS002(NA)	Batteries, included in the product, shall be reviewed and tested according to the requirements of TYCP-PS001(NA).	
For US Only			
*†CA Prop 65 (mandatory in state California)	Intertek Protocol	Consent Judgment of related court cases based on California Proposition 65.	
*†Children's Products Supplemental (Required if the product is graded as a children product)	Refer to TYCP-00004-US	Shall comply with all requirements in TYCP-00004-US.	
*†CPSIA Supplemental	Refer to TYCP-00001-US	Shall comply with all requirements in TYCP-00001-US.	
For Canada Only			
*†Children's Products Supplemental (Required if the product is graded as a children product)	Refer to TYCP-00004-CN	Shall comply with all applicable requirements.	
<i>Note: Additional cost, sample size & TAT may be required if testing to one or more supplemental protocols is necessary. Please refer to the above referenced supplemental protocol(s) for additional information.</i>			
Chemical Test			
For US Only			
*Lead Content of Paints or Similar Surface Coating	16 CFR 1303 (scope widened)	Shall not contain Lead or Lead compounds in which the Lead content is in excess of 0.009% (90ppm) by weight of the total content.	
*†Toxic Elements in Packaging Components	TPCH	Shall comply with TPCH in those states with legislation. Total concentration of Pb, Cd, Hg and hexavalent Cr ≤ 100ppm.	
For Canada Only			
*Total Lead in Surface Coating	Canada Consumer Product Safety Act, Surface Coating Materials Regulations (Scope widened)	Shall not exceed 0.009% (90ppm) total lead.	
Physical Characteristic			
Dimensions (L x W x H)	ITS-M0059	Report overall dimensions; shall meet label claims (if applicable).	
Weight	ITS-M0059	Report overall weight; shall meet label claims (if applicable).	
Ring Diameter (If applicable)	ITS-M0059	Report overall ring diameter; shall meet label claims (if applicable).	
Parts Inventory	Visual Check	Shall meet label claims.	
Construction & Workmanship			
Sharp Points / Edges	16 CFR 1500.48 / 1500.49 (Modified)	Shall have no sharp points / edges as received, other than those required for function.	

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Defects	Visual Check	Shall have no discernible surface degradation, including crazing, shivering, bubbles, cracks, stains, deformations, chips, fractures, heavy lines, waves, shear marks, scratches, scuff marks, indentations, or blisters.	
Workmanship	Visual Check	Shall have no components missing, malformed, and/or fractured.	
Material Type	Visual Check	Shall comply with label claims.	
Performance Test			
Functionality	ITS-M0061	Shall function as intended as received.	
Durability	Actual Use	Any clip-on mechanism (e.g. switch, button or clips) must operate 100 times with no defects.	
Illumination (If applicable)	ITS-M0061	Suitable for intended use.	
Drop Test	ITS-M0053	Samples must not break, deform or reveal any applicable hazards, such as, sharp edges, sharp points or any other foreseeable hazards after 3 drops from a height of 3 feet onto a vinyl tile concrete surface. (Modification: 3 drops)	
*Attachment Strength (Trinket)	ITS-M0028	Shall withstand a minimum of 5 lbs. tension force. No detachment or failure.	
*Attachment Strength (Clasp, key chain, key ring)	ITS-M0028	Shall withstand a minimum of 15 lbs. tension force at the following locations: - Keyring to connection cord attachment - Keyring to product attachment No detachment or failure.	
Effects of Extreme Temperatures & Humidity	ITS-M0007	No failure or visual change after 16 hours at 0°F & 8 hours at 120°F/95% RH.	
*Resistance To Corrosion (For accessible metal components)	ASTM B117 (Modified)	Withstand 24 hours in 1% salt spray (fog) with no major corrosion or visual change. (Modification = 1% salt (fog) spray.)	
*Transit Testing (By request only)	ISTA Procedure as Appropriate to Package	Packaged product shall be tested to applicable ISTA procedure and method, based on package configuration. Inspect package and product for damage upon completion of test. Report results.	
For US Only			
*†Flammability on Solid Materials	16 CFR 1500.44	Burn rate < 0.10 inch/s. along the major axis. (Horizontal burning)	
For Canada Only			
*†Flammability on Textiles	Canada Consumer Product Safety Act, Textile Flammability Regulations, Items 4 and 6	Products made in whole or in part of textile fibers when tested in accordance with CAN/ CGSB 4.2 No. 27.5-2008, the Standard Method of Test for Flammability of Clothing Textiles, shall have a time of flame spread of: (a) greater than 3.5 seconds, where the products do not have a raised fiber surface; OR (b) greater than 4 seconds, where the products have a raised fiber surface and exhibit ignition or fusion of their base fibers.	
Colorfastness (For Textile and Leather Only)			
For US Only			

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*Colorfastness to Rotary Crocking	AATCC 116	Dry: Grade 4.0 minimum Wet: Grade 3.0 minimum Note: Report NA if sample size is too small to crock using test method AATCC 116. Insert the following note in the report: "Crocking test could not be conducted due to sample size". Do not request additional fabric sample.	
*Colorfastness to Water	AATCC 107	Grade 4.0 minimum. Note: Report NA if sample size is too small to crock using test method AATCC 107. Insert the following note in the report: "Crocking test could not be conducted due to sample size". Do not request additional fabric sample.	
*Colorfastness to Perspiration	AATCC 15	Grade 4.0 minimum. Note: Report NA if sample size is too small to crock using test method AATCC 15. Insert the following note in the report: "Crocking test could not be conducted due to sample size". Do not request additional fabric sample.	
For Canada Only			
*Colorfastness to Crocking	CAN/CGSB-4.2 No. 22	Dry: Grade 4.0 minimum Wet: Grade 3.0 minimum Note: Report NA if sample size is too small to crock using test method CAN/CGSB-4.2 No. 22. Insert the following note in the report: "Crocking test could not be conducted due to sample size". Do not request additional fabric sample.	
*Colorfastness to Water	CAN/CGSB-4.2 No. 20	Grade 4.0 minimum. Note: Report NA if sample size is too small to crock using test method CAN/CGSB-4.2 No. 20. Insert the following note in the report: "Crocking test could not be conducted due to sample size". Do not request additional fabric sample.	
*Colorfastness to Perspiration	CAN/CGSB-4.2 No. 23	Grade 4.0 minimum. Note: Report NA if sample size is too small to crock using test method AATCC 15. Insert the following note in the report: "Crocking test could not be conducted due to sample size". Do not request additional fabric sample.	
Labeling Requirement			
Parts Labeling	ITS-M0060	Shall match the actual content if present.	
Use Labeling	ITS-M0060	Use/care instructions that are clear and understandable shall be provided in language appropriate to destination countries.	
Instructions	ITS-M0060	Shall include assembly, use, maintenance, and safety information as required with no errors or spelling mistakes.	
Verify Label Claims	Actual Use	Shall comply with all claims.	
For US Only			

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Attribute	Citation	Requirement / Limit	Result										
†Fair Packaging and Labeling Act (consumable products) OR Uniform Packaging and Labeling Regulations (other products)	Fair Packaging & Labeling Act (16 CFR 500) OR NIST Uniform Laws and Regulations Handbook 130	Manufacturer, packer, or distributor's name & address (city, state & zip).											
		Product Identification. Net quantity of contents shall be expressed in terms of weight or mass, measure, numerical count, or combination so as to give accurate information to facilitate consumer comparison (U.S. and metric units).											
†Country of Origin Marking	19 CFR 134.11	Shall indicate country of origin legibly, permanently, and in comparable size and close proximity to any mention of country other than country in which the article was manufactured or produced. Shall be visible at point of purchase.											
†Plastic Bag Warning Statement (If applicable)	Visual Check / Requirements Based on Various State Laws	<p>If plastic bags with a thickness less than 1 mil and an opening size $\geq 5"$ in diameter are present, the following warning statement shall be printed in a prominent place on each bag in English and appeared on both sides:</p> <p>WARNING: Keep this bag away from babies and children. Do not use in cribs, beds, carriages or playpens. The thin film may cling to nose and mouth and prevent breathing. This bag is not a toy.</p> <p>If the total length and width is $> 40"$, the warning shall be repeated in 20-inch intervals. The font size shall adhere to:</p> <table border="1" data-bbox="764 1192 1271 1358"> <thead> <tr> <th>Total Length and Width of Bag</th> <th>Font</th> </tr> </thead> <tbody> <tr> <td>60 inches or more</td> <td>at least 24 point</td> </tr> <tr> <td>40 inches to less than 60 inches</td> <td>at least 18 point</td> </tr> <tr> <td>25 inches to less than 40 inches</td> <td>at least 14 point</td> </tr> <tr> <td>less than 25 inches</td> <td>at least 10 point</td> </tr> </tbody> </table>	Total Length and Width of Bag	Font	60 inches or more	at least 24 point	40 inches to less than 60 inches	at least 18 point	25 inches to less than 40 inches	at least 14 point	less than 25 inches	at least 10 point	
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For Canada Only

†Pre-packaged Product	Consumer Packaging and Labelling Act, R.S. 1985, c. C-38 and Regulations, C.R.C., c. 417	<p>The net quantity declaration shall present on Principal Display Panel (PDP) in English and French, metric units.</p> <p>The numerical quantity shall be bold type with letter height based on the size of Principle Display Surface (X):</p> <table border="1" data-bbox="764 1541 1328 1717"> <thead> <tr> <th>Size of Principle Display Surface</th> <th>Minimum letter height</th> </tr> </thead> <tbody> <tr> <td>$X \leq 32 \text{ cm}^2$ (5 in²)</td> <td>1.6 mm (1/16 in)</td> </tr> <tr> <td>$32 \text{ cm}^2 < X \leq 258 \text{ cm}^2$ (40 in²)</td> <td>3.2 mm (1/8 in)</td> </tr> <tr> <td>$258 \text{ cm}^2 < X \leq 645 \text{ cm}^2$ (100 in²)</td> <td>6.4 mm (1/4 in)</td> </tr> <tr> <td>$645 \text{ cm}^2 < X \leq 25.8 \text{ dm}^2$ (400 in²)</td> <td>9.5 mm (3/8 in)</td> </tr> <tr> <td>25.8 dm^2 (400 in²) $< X$</td> <td>12.7 mm (1/2 in)</td> </tr> </tbody> </table> <p>All other information in the net quantity declaration (i.e. units of measurement statements, abbreviations, symbols, etc.) shall be shown in minimum 1.6 mm letter height.</p> <p>Product identification shall be shown on Principal Display Panel (PDP) in English and French, minimum 1.6 mm letter height.</p>	Size of Principle Display Surface	Minimum letter height	$X \leq 32 \text{ cm}^2$ (5 in ²)	1.6 mm (1/16 in)	$32 \text{ cm}^2 < X \leq 258 \text{ cm}^2$ (40 in ²)	3.2 mm (1/8 in)	$258 \text{ cm}^2 < X \leq 645 \text{ cm}^2$ (100 in ²)	6.4 mm (1/4 in)	$645 \text{ cm}^2 < X \leq 25.8 \text{ dm}^2$ (400 in ²)	9.5 mm (3/8 in)	25.8 dm^2 (400 in ²) $< X$	12.7 mm (1/2 in)	
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		Dealer's name and principal place of business (address) shall be shown on any part of label except bottom, English or French, minimum 1.6 mm letter height. For imported goods, the name and address of the dealer outside Canada or the name and address of Canadian dealers shall be preceded by "imported by" (<i>"importé par"</i>) or "imported for" (<i>"importé pour"</i>), unless a statement of geographic origin is located immediately adjacent to the name and address of a Canadian dealer, and shown with letter height at least as large as those used in the declaration of the Canadian dealer's principal place of business.	
The Language of Inscription (mandatory in Quebec)	The Charter of French Language, Title I, Chapter VII, Clause 51 & Regulations adopted under the Charter of French Language	Every inscription on the following shall be drafted in French, - product - product container or wrapping - document or object supplied with it (e.g. directions for use, warranty certificates) No inscription in another language may be given greater prominence than that in French. For exceptions, check the following webpage:-- http://www.olf.gouv.qc.ca/english/regulations/reg_business.html#div1	
†Country of Origin	Customs Tariff, Marking of Imported Goods Regulations, SOR/94-10	The country of origin marking of Non-NAFTA imported goods shall be present in English or French.	

Remark: Additional tests may be incurred subject to the final samples reviewed by Intertek.

Key: *: Additional charge items †: Mandatory Requirement

Testing Charge & Sample Size & Turnaround Time

Basic Package Price (Listed Price)	USD 150 (in which USD 58 is not discountable) for one market; Additional USD 23 for both markets	
Sample Size for basic package	4 pieces	
Turnaround time	7 working days	
Additional charge (Subject to client discount)		
Additional sample size		
a. Battery Operated Product Supplemental	Refer to TYCP-PS001(NA)	Refer to TYCP-PS001(NA)
b. Batteries Supplemental	Refer to TYCP-PS002(NA)	Refer to TYCP-PS002(NA)
c. CA Prop 65	On Quote	Subject to actual sample
d. Children's Products Supplemental - US	Refer to TYCP-00004-US	Refer to TYCP-00004-US
e. CPSIA Supplemental	Refer to TYCP-00001-US	Refer to TYCP-00001-US
f. Children's Products Supplemental - CN	Refer to TYCP-00004-CN	Refer to TYCP-00004-CN
g. Lead Content of Paints or Similar Surface Coating (US)	USD 31 per coating	0.5 grams of coating on finished product
h. Toxic Elements in Packaging Components	USD 54 per result	0.5 grams per material
i. Total Lead in Surface Coating (CN)	USD 31 per coating	0.5 grams of coating on finished product
j. Attachment Strength (Trinket)	USD 23 per result (Net)	1 piece

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k. Attachment Strength (Clasp, key chain, key ring)	USD 23 per result (Net)	1 piece
l. Resistance To Corrosion	USD 54 per result	2 pieces
m. Transit Testing	ISTA 1A: USD 179 ISTA 1B: USD 231	1 full carton with products
n. Flammability on Solid Materials	USD 28 per result	1 piece
o. Flammability on Textiles	USD 44 per result	On Quote
p. Colorfastness to Crocking / Rotary Crocking (US / CN)	USD 11 per result	15" x 15" per test
q. Colorfastness to Water (US / CN)	USD 11 per result	15" x 15" per test
r. Colorfastness to Perspiration (US / CN)	USD 19 per result	15" x 15" per test

Remark:

Price quoted above is **LISTED** price based on our Hong Kong laboratory pricing.
Please check with local laboratories to confirm exact pricing for your region.

Revision History

Issue No.	Revision date	Changes	Prepared by	Approved by
1.0	31 Aug 2012	Initial release	Mondy Tung	Taylor (Emily) on 08 Jan 2013