

Product:	Notebook or Album		
Scope:	Notebook or album with folding feature.	Protocol No.	TYCP-04020-NA
		Version	1.0
		Issue Date	15 Jan 2013
		Prepared by	Intertek HK - TFH
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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			
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.	
Chemical Analysis			
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			
Overall Dimension (in.)	ITS-M0059	Report overall dimension; shall meet label claims (if applicable).	
Overall Weight (oz/ lbs)	ITS-M0059	Report overall weight; shall meet label claims (if applicable).	
Thickness (Covers, Front / Back)	ITS-M0059	Report overall thickness; shall meet label claims (if applicable).	
Thickness of Pages	ITS-M0059	Report overall thickness; shall meet label claims (if applicable).	
Number of Pages	Standard Count	Report overall number of pages; shall meet label claims (if applicable).	
For Album			
Thickness (Transparent Material)	ITS-M0059	Report thickness; shall meet label claims (if applicable).	
Thickness (Paper or Cardboard Material)	ITS-M0059	Report thickness; shall meet label claims (if applicable).	
Picture Area (L x W)	ITS-M0059	Report overall area; shall meet label claims (if applicable).	

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Material Type (Base)	Visual Check / Actual test	Report actual; shall meet label claims (If applicable).	
Construction & Workmanship			
Sharp Points / Edges	16 CFR 1500.48 / 49 (Modified)	Shall have no sharp points / edges, other than those required for function.	
Defects	Visual Check	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	ITS-M0060	Shall have no components missing, malformed, and/or fractured.	
For Notebook			
Line Quality (if applicable)	Visual Check	Shall be straight and clear on the ruled side.	
Horizontal Lines / Grids (if applicable)	Visual Check	Shall be evenly spaced on both sides of page and parallel / perpendicular to top and sides	
For Album			
*Material Weight: Plastic / Cardboard (oz / yd ²)	ASTM D3776	As claimed.	
Performance			
Functionality	ITS-M0061	Shall function as intended as received.	
Folding Endurance (if applicable)	ITS-M0061	No damage after 100 open/close cycles	
*Effects Of Extreme Temperature & Humidity	ITS-M0007	Conditioning samples for 24 Hours @ 0° F & 120°F/95%RH No Failure	
*Resistance To Corrosion (Metal Components)	ASTM B117 (Mod.)	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 Notebook			
Stickiness (For Sticky Note Only)	ITS-M0061	Shall not fall off from a vertical surface (glass, powder-coated steel, whiteboard) after 48h of posting at ambient conditions.	
Removal Test (For Sticky Note Only)	ITS-M0007	The sticky page shall be able to be torn off at 90 degree without residue after one cycle of following conditioning: (Step 1) 8 hours at 5°C, 15% RH (Step 2) 8 hours at 60°C, 90 % RH	
Paper Strength	With reference to ASTM D5034	15.0 lbs./in. minimum.	
For Album			
Ease of Assembly (If applicable)	Actual use	Follow the instruction to assembly and disassembly the product; and comment the method of the installation. Parts shall not easy to break during normal use.	
Drop Test (Not applicable for fragile item)	ITS-M0053	No failure after 3 drops from 3 ft. height onto vinyl floor.	
Fit Properties	Actual Use	Shall provide good fit of item with no damage to edges while applying frame / border.	

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Tensile Strength:			
*Length (Plastic) (lb / in)	ASTM D5034	10.0 lb / in minimum	
*Width (Plastic) (lb / in)	ASTM D5034	10.0 lb / in minimum	
*Length (Paper) (lb / in)	TAPPI 494	5.0 lb / in minimum	
*Width (Paper) (lb / in)	TAPPI 494	5.0 lb / in minimum	
Tear Strength:			
*Length (Paper)	ASTM D1424	0.10 oz. minimum	
*Width (Paper)	ASTM D1424	0.10 oz. minimum	
*Length (Plastic)	ASTM D1424	0.05 oz. minimum	
*Width (Plastic)	ASTM D1424	0.05 oz. minimum	
Colorfastness (For Fabric) - US only			
*To Light (Cover Material in Fabric)	AATCC 16E (20 AFU)	Class 4.0	
*To Crocking	AATCC 8 / 116	Dry: Class 4.0 Wet: Class 3.0	
Colorfastness (For Fabric) - Canada only			
*To Light (Cover Material in Fabric)	CAN/CGSB-4.2 No. 18.3 (Grade 4)	Class 4.0	
*To Crocking	CAN/CGSB-4.2 No. 22	Dry: Class 4.0 Wet: Class 3.0	
Labeling			
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	Must comply with all claims.	
For US Only			
†One Time Use Products Fair Packaging and Labeling Act OR	F.P. & L. 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).	
†All Other Products Uniform Packaging and Labeling Regulations			
†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.	

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Attribute	Citation	Requirement / Limit	Result												
†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"> <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"> <thead> <tr> <th>Size of Principle Display Surface</th> <th>Minimum letter height</th> </tr> </thead> <tbody> <tr> <td>$X \leq 32 \text{ cm}^2 (5 \text{ in}^2)$</td> <td>1.6 mm (1/16 in)</td> </tr> <tr> <td>$32 \text{ cm}^2 < X \leq 258 \text{ cm}^2 (40 \text{ in}^2)$</td> <td>3.2 mm (1/8 in)</td> </tr> <tr> <td>$258 \text{ cm}^2 < X \leq 645 \text{ cm}^2 (100 \text{ in}^2)$</td> <td>6.4 mm (1/4 in)</td> </tr> <tr> <td>$645 \text{ cm}^2 < X \leq 25.8 \text{ dm}^2 (400 \text{ in}^2)$</td> <td>9.5 mm (3/8 in)</td> </tr> <tr> <td>$25.8 \text{ dm}^2 (400 \text{ in}^2) < X$</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	$X \leq 32 \text{ cm}^2 (5 \text{ in}^2)$	1.6 mm (1/16 in)	$32 \text{ cm}^2 < X \leq 258 \text{ cm}^2 (40 \text{ in}^2)$	3.2 mm (1/8 in)	$258 \text{ cm}^2 < X \leq 645 \text{ cm}^2 (100 \text{ in}^2)$	6.4 mm (1/4 in)	$645 \text{ cm}^2 < X \leq 25.8 \text{ dm}^2 (400 \text{ in}^2)$	9.5 mm (3/8 in)	$25.8 \text{ dm}^2 (400 \text{ in}^2) < X$	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 245 (in which USD 45 is not discountable) for one market; Additional USD 23 for both markets	
Sample Size for Basic Package	4 pieces (additional samples may be required for tests with additional charge)	
Turnaround Time for Basic Package	7 working days	
Additional Charge (Subject to client discount)	Additional Sample Size	
a. CA Prop 65	On quote	Subject to actual sample
b. Children's Products Supplemental - US	Refer to TYCP-00004-US	Refer to TYCP-00004-US
c. CPSIA Supplemental	Refer to TYCP-00001-US	Refer to TYCP-00001-US
d. Children's Products Supplemental - CN	Refer to TYCP-00004-CN	Refer to TYCP-00004-CN
e. Lead Content of Paints or Similar Surface Coating (US)	USD 31 per coating	0.5 grams of coating on finished product
f. Toxic Elements in Packaging Components	USD 54 per result	0.5 grams per material
g. Total Lead in Surface Coating (CN)	USD 31 per coating	0.5 grams of coating on finished product
h. Material Weight	USD 17	1 yard x full width
i. Effects Of Extreme Temperature & Humidity	USD 64 per result	2 pieces

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j. Resistance To Corrosion	USD 54 per component	2 pieces
k. Transit Testing	ISTA 1A: USD 179 ISTA 1B: USD 231	1 full carton with products
l. Tensile Strength	ASTM D5034: USD 19 per result TAPPI 494: USD 27 per result	20" x full width
m. Tear Strength	USD 19 per result	
n. Colorfastness to Light (US or CN)	USD 23 per result	15" x 15" per test
o. Colorfastness to Crocking (US or CN)	USD 11 per result	

Revision History

Issue No.	Revision Date	Changes	Prepared by	Approved by
1.0	05 Oct 2012	Initial release	Mondy Tung	Taylor (Emily) on 08 Jan 2013