



## TEST SPECIFICATION

Product:	<b>Carrying Bags/ Small Accessory Bags</b>		
Scope:	Small Accessory Bags and Carrying Bags intended for light duty use.  Note : exclude backpack that should follow TYCP-24905-US	Protocol No.	TYCP-24904-US
		Version	2.0
		Issue Date	Dec 09, 2011
		Prepared by	Intertek HK - TFH
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### Instructions to Vendors:

Dear Valued Vendor:

Product safety is a top priority at Taymark. We, with the assistance of Intertek, a CPSC-accredited third-party testing partner or lab, have identified the various rules and regulations as well as the necessary test requirements that we need to meet in our partnership to sell products in the United States. This has been assembled into our required Test Protocol. Each product that is supplied to us must comply with this Test Protocol and any required associated test protocol(s) identified within it.

You are required by the US Law to verify the products you provide to Taymark (or any other customer marketing to children in the USA) meet the required safety standards. Likewise, Taymark is required by US Law to assure that we have documentation to confirm that you have verified that your products meet the applicable safety standards. Once you have verified that the product(s) you have supplied to us conforms to the corresponding Test Protocol(s), and the testing was conducted within the past twelve (12) months, we ask that the appropriate representative from your company provide Taymark with the proper General Certificate of Conformity ("GCC") and the corresponding documentation that you used to support the GCC, including, where applicable and required, the CPSC-accredited third-party test data. For an example of an acceptable GCC, please go to <http://www.cpsc.gov/about/cpsia/faq/elecfaq.pdf>.

### Key

† : Any element on the attached form with the following symbol ("†") is a Mandatory Requirement to which the product(s) or components of product(s) you supply to Taymark must conform. You must perform the associated test(s) and provide Taymark with the test data to support the fact that the test(s) was (were) conducted and that the product(s) or components of product(s) meets the described requirements. You are responsible for conducting the mandatory testing, and you are responsible for any expenses incurred as a result of conducting the test(s) (including, without limitation, the costs and expenses associated with providing any samples, testing, reporting, and preparing the General Certificate of Conformity).

\*: The symbol ("\*") on the attached form indicates that additional charges may apply. Taymark's preferred Accredited Third-Party Testing Facility is Intertek. If you choose to use Intertek to conduct the mandatory testing, please reference Taymark and Taylor Corporation when submitting your requests for testing to Intertek as you may be able to take advantage of Taymark and Taylor Corporation's volume discount. You may contact Intertek for a price quote and any additional information they might need in order to conduct the required testing.

Additional Accredited Third-Party Testing facilities can be found at <http://www.cpsc.gov/cgi-bin/labsearch/>.

### **Note:**

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

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Attribute	Test Method/Standard	Requirement / Limit
<b>Supplemental Protocol</b>		
*† CA Prop 65 (Mandatory in state California)	Intertek Protocol	Consent Judgment of related court cases based on California Proposition 65.  See <a href="http://oehha.ca.gov/prop65.html">http://oehha.ca.gov/prop65.html</a>
*† CPSIA Supplemental	TYCP-00001-US	Shall comply with the applicable requirements.  See CPSIA Supplemental Protocol posted at <a href="http://www.taymarkinc.com">http://www.taymarkinc.com</a> .
*† Children's Products (non-toy)	TYCP-00004-US	Shall review against the Children's Products Supplemental and shall comply the applicable requirements.  See Children's Products (Non-toy) Protocol posted at <a href="http://www.taymarkinc.com">http://www.taymarkinc.com</a>
Note: Additional cost, sample size & TAT may be required if testing to 1 or more supplemental protocol is necessary. Please refer to the above referenced supplemental protocol(s) for additional information.		
<b>Chemical Analysis</b>		
*† Lead Content in Paint and Similar Surface Coating	16 CFR 1303	Shall not exceed 90ppm (0.009% by weight) total lead. <b>Children products refer to Children's safety protocol.</b>
*†FDA Solvent Extractive on Plastic Materials (food-contact only)	21 CFR 170 – 189 ASTM F963-08, Section 4.3.3	Products intended for use in contact with food shall conform to the applicable requirements of the Food, Drug, and Cosmetic Act (FDCA), specifically 21 CFR 170 through 189.
*Verification of Recycling Number of Food Contact Plastic Materials (If claims)	FTIR	The recycling number on the item shall match the FTIR finding.
* Toxics in Packaging (if applicable)	Model Toxics in Packaging Legislation / State Legislation	The sum of Cadmium, Hexavalent Chromium, Lead and Mercury in package or packaging component shall be less than 100 ppm by weight.  <b>It's Vendor responsible to comply to requirement</b>
* Nickel Release (for metal components)	EN 1811 / EN 12472	The rate of nickel release from the parts of these products coming into direct and prolonged contact with the skin should be less than 0.5µg/cm <sup>2</sup> /week.
<b>Physical Characteristics</b>		
Product Dimensions	Standard Measurement	Report overall dimensions; or shall meet label claims (if applicable).
Product Weight	Standard Measurement	Report overall weight; or shall meet label claims (if applicable).
Number of Main Compartments	Visual Check	Report count; or shall meet label claims (if applicable).
No. Of Pouches /Pockets	Visual Check	Report count; or shall meet label claims (if applicable).
No. Of External Pouches/ Pockets	Visual Check	Report counts of external ones; shall meet label claims (if applicable).

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Capacity	ITS-M0059	Report overall capacity; shall meet label claims (if applicable).
Handle Drop (if applicable)	ITS-M0059	Report handle drop length; shall meet label claims (if applicable).
Shoulder Strap (if applicable)	ITS-M0059	Report shoulder strap length (maximum / minimum); shall meet label claims (if applicable).
Other Features	Visual Check	As claimed.
<b>Construction &amp; Workmanship</b>		
Sharp Points / Edges	16 CFR 1500.48 / 1500.49 (Scope widened)	Shall have no sharp points/edges, other than those required for function.
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.
Type of Material	Visual Check	Report actual; shall meet label claims (If applicable).
Paint / Printing	Visual Check	Color shall be uniform and complete.
<b>Performance Test</b>		
Static Load Test	ITS-M0061	Must withstand 1.5 times the maximum labeled load or the following load, if not labeled, for 30 minutes:
*Cleanability / Washability (if care instruction provided)	AATCC 150 / Handwash / Surface Clean (Per care instruction provided)	No noticeable change in appearance and functionality.
*Water Repellency Test - Spray Test (if waterproof claimed)	AATCC 22	Rating 90 (ISO 4) minimum.
*Effects of Extreme Temperature and Humidity	ITS-M0007	16 hours at 0°F & 8 hours at 120°F / 95% RH - No failure or visual change.
*Resistance to Corrosion On Metal Components	ASTM B117 (Modified)	Withstand 24 hours in 1% salt spray (fog) with no major corrosion or visual change.
<b>Zipper tests (for functional only)</b>		
* Zipper Strength	ASTM D2061	<p>[For small accessory bags]  Cross Widthwise Strength: 50 lbs min.  Top Stop Strength: 15 lbs min.  Puller attachment strength : 15 lbs min  Puller torque strength : 3 lbs-in min</p> <p>[For carrying bag]  Cross Widthwise Strength: 50 lbs min.  Top Stop Strength: 20 lbs min.  Bottom Stop Strength: 20 lbs min.  Slider lock hold: 15 lbs. min.</p>

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Attribute	Test Method/Standard	Requirement / Limit
*Durability	Actual Use	Shall withstand 100 open/close cycles without lost of intended function.
*Impact Test	ASTM D5171	Durable/Functional buttons: 67 mm height Non-durable/Decorative Buttons: 44 mm height 0 of 10 buttons can have cracking, chipping or breakage.
<b>Snap tests (for functional only)</b>		
*Unsnapping Force	ASTM D 4846	Min. 2.0 lb. Max. 8.0 lb.
*Snapping Force	AATCC/ASTM TS-013	Min. 2.0 lb. Max. 8.0 lb.
* Surface Abrasion (For coated fabric only)	ASTM D3886	No surface change after 300 cycles
* Durability of Hooks and Loops fastener	Actual use	Shall functional after 200 cycles of open and close
* Drawstring Endurance	Actual Use	Shall functional after 200 cycles of open and close
* Attachment Strength	Pull test	Snaps, Buttons, Shanks, Rivets, etc. 15 lbs for 10 seconds. Hand-Sewn Beads, Sequins, etc. 5 lbs for 10 seconds.
<b>Buttons (if applicable)</b>		
*Durability	Actual Use	Shall withstand 100 open/close cycles without lost of intended function.
*Attachment Strength	ITS In-house Method	15 lbs. for 10 seconds.
*Impact Test	ASTM D5171	Durable/Functional buttons: 67 mm height Non-durable/Decorative Buttons: 44 mm height 0 of 10 buttons can have cracking, chipping or breakage.
<b>Colourfastness</b>		
*To Water	AATCC 107	Colour Change: Grade 3.5 min. Colour Stain: Grade 3.0 min.
*To Crocking	AATCC 8 / 116	For Shell: Dry: Grade 4.0 min. Wet: Grade 3.0 min.  For Lining: Dry: Grade 3.5 min. Wet: Grade 2.5 min.
*To light	AATCC 16	Minimum Class 3.5 after 20 hours
*Phenolic Yellowing test (White colour only)	ISO 105X18	Grade 4.5 min
<b>Additional Requirements on Textile Materials</b>		
*Fabric Weight	ASTM D3776	Report actual; shall meet label claims (+/-5% tolerance).
*Fabric Count (Thread per unit length - for woven only)	ASTM D3775	Report actual; shall meet label claims (+/-5% tolerance).
*Fiber Analysis (if claimed)	AATCC 20/20A	Single Fiber: No Tolerance Blended Fiber: +/-3% Tolerance

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*Strap / Handle Strength (If applicable)	ASTM D1683 (Modified)	25 lbs. minimum, or 1.5 times of the claimed loading.	
*Seam Strength	ASTM D1683	Report breaking point force; shall meet the following requirements: - Woven (<22"): 25 lbs min. - Woven (≥22"): 40 lbs min. - Vinyl: 20 lbs min.	
*Tensile Strength	ASTM D5034	<b>Fabric Weight (oz / yd²)</b>	<b>Warp &amp; Fill (Lbs/In, min)</b>
		<2.0	20
		2.0 - 4.0	25
		>4.0	30
*Tear Strength	ASTM D1424	<b>Fabric Weight (oz / yd²)</b>	<b>Warp &amp; Fill (Lbs/In, min)</b>
		<2.0	1.5
		2.0 - 4.0	2.0
		>4.0	2.5
<b>Additional Requirements on Paper Items</b>			
*Tear Resistance	ASTM D1922 (Modified)	Report tear resistance in both transverse and machine directions.	
*Bursting Strength	TAPPI T403 (Modified)	Report maximum bursting strength.	
<b>Additional Requirements on Plastic Items</b>			
*Tensile Strength	ASTM D5034 (Scope widened)	Report maximum load for both machine direction and transverse directions.	
*Tear Strength	ASTM D1424 (Scope widened)	Report actual value at failure for both machine and transverse directions.	
*Seam Strength	ASTM D1683 (Scope widened)	Report actual value and as suitable for use.	
<b>Labelling Requirement</b>			
One Time Use Product † Fair Packaging and Labelling Act or All Other Products † Uniform Packaging and Labelling Regulations	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.	
† Country of Origin Marking	19 CFR 134	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. Must be visible at point of purchase.	
Fiber Content (if applicable)	16 CFR 303 / 300	Must be visible at point of sale & must comply with regulations (Textile Fibers Identification Act or Wool Products Labeling Act)	



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Attribute	Test Method/Standard	Requirement / Limit
RN# (Registered Number) or Manufacturer Name	Visual	Verify presence (Textile Fiber Products Identification Act or Wool Products Labeling Act)
Use Labelling	Visual Check	Use/care instructions that are clear and understandable shall be provided in language appropriate to destination countries.
Verify Label Claims (if any)	ITS-M0060	Must comply with all claims

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