

Intertek
Test Specification



Product:	Slippers		
Scope:	Slippers	Protocol No.	TYCP-24604-NA
		Version	2.0
		Issue Date	15 Jan 2013
		Prepared by	GZ Technical Support Team
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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/fag/eleccertfag.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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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
For US Market		
Supplemental Protocol		
*† CA Prop 65 (Mandatory in state California)	Intertek Protocol	Consent Judgment of related court cases based on California Proposition 65.
*† CPSIA Supplemental	TYCP-00001-US	Shall comply with the applicable requirements.
*† Children's Products (Non-toy)	TYCP-16026-US	Shall comply with the applicable requirements.
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.		
Chemical Analysis		
*† Lead Content in Paint and Similar Surface Coating	16 CFR 1303 (Scope Widened)	Shall not contain Lead or Lead compounds in which the Lead content is in excess of 90ppm by weight of the total content
*† Toxic elements in Packaging material (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.
* 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 ² /week.
Physical Characteristics		
*† Fiber Analysis	AATCC 20/20 A	Single fiber: no tolerance Blends: 3% tolerance
Construction & Workmanship		
Workmanship	Visual check	No Major Defects - Shall Demonstrate Good, Even Construction, With No Sharp Edges, Sharp Points, Discoloration, Fabric Defects Or Seam Openings
Performance Test		
-For Whole shoes		
Sole Bond	FIA 1206	20 lbs. min
Whole shoes flex	TM 92 (Room temp)	No damage after 50,000 flexes
Slip Resistance	ASTM F609 (mod) Tile walking surface	0.5 (dry) min 0.3 (wet) min.
* Seam Strength (For functional seam only)	BS 5131	Min 5N/MM
* Attachment strength	ASTM D1683 (mod.)	Decorative: 15 lbs min. Beads, sequins, rhinestone: 5 lbs min
* Washability (for washable items only)	AATCC 150 (Per provided care instruction)	- No constructional damage - Color Change: Grade 4.0 min. - Color Stain: Grade 4.0 min. - Dimensional Stability: +/-3% max. of material or 1/2 size of shoe size
*Resistance To Corrosion (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.
- For Upper		

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Attribute	Citation	Requirement / Limit
Tensile strength	ASTM D 5034	25 lbs
* Fiber shedding (For pile fabric if applicable)	IHTM 026	3.5 min
Colourfastness to light	ASTM D 1148 (mod) (3 hrs)	Grade 3.5 min
Colourfastness to Water	AATCC 107	Colour Change: Grade 3.5 min. Colour Stain: Grade 3.5 min.
*Phenolic Yellowing test (White colour only)	ISO 105X18	Grade 4.5 min
- For Lining		
Formaldehyde Spot Test (If result is positive, do below test directly)	ITS 416	Negative
*Formaldehyde	ISO 14184-1 for textile ISO17225-2 for leather	For children less than 36 months : 20 ppm For others : 75 ppm
Colourfastness to Perspiration	AATCC 15	Colour Change: Grade 3.5 min. Colour Stain: Grade 3.5 min.
Colourfastness to Water	AATCC 107	Colour Change: Grade 3.5 min. Colour Stain: Grade 3.5 min.
Colourfastness to Crocking	AATCC 8 / 116	Dry: Grade 4.0 min. Wet: Grade 3.0 min.
Labelling		
†One Time Use Products Fair Packaging and Labeling Act OR All Other Products Uniform Packaging and Labeling 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 (U.S. and metric units).
†Country of Origin Marking	19 CFR 134.11 & 16 CFR 303 / 300	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.
Care Instruction (if applicable)	16 CFR 423	Must be sewn in permanently and must comply to regulations (Care Labelling Rule) Test results should be confirmed to claimed care instruction.
Fiber Content	16 CFR 303 / 300	Must be visible at point of sale & must comply to regulations (Textile Fibers Identification Act or Wool Products Labeling Act)
RN# (Registered Number) or Manufacturer Name	FTC Visual Check	Verify presence
Fur labelling (If applicable)	16 CFR 301	Must be visible at point of sale & must comply to regulations
For Canada Market		
Chemical Analysis		

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Attribute	Citation	Requirement / Limit
Formaldehyde Test (Recommended)	AATCC 112 ISO/TS 17226 (for leather)	Baby (≤ 24 months): 16 ppm (absorbency 0.05) Non-baby: ·Direct skin contact: 75 ppm; ·Without direct skin contact: 300 ppm.
pH Level (Textile and leather) (Recommended)	EN ISO 4045:1998 (for leather) AATCC 81-2001	Baby (≤ 36 months): 4.0-7.5. Non-baby: ·Direct skin contact: 4.0-8.5; ·Without direct skin contact: 4.0-9.0.
Phthalates (For toy or child care article)	Solvent extraction, GC-MS analysis	The vinyl in a toy or child care article must contain not more than 1 000 mg/kg of di(2-ethylhexyl) phthalate (DEHP), dibutyl phthalate (DBP) or benzyl butyl phthalate (BBP) when tested in accordance with a method that conforms to good laboratory practices. The vinyl in any part of a toy or child care article that can, in a reasonably foreseeable manner, be placed in the mouth of a child under four years of age must contain not more than 1 000 mg/kg of diisononyl phthalate (DINP), diisodecyl phthalate (DIDP) or di-n-octyl phthalate (DNOP) when tested in accordance with a method that conforms to good laboratory practices. "Toy" means a product that is intended for use by a child under 14 years of age in learning or play. "Child care article" means a product that is intended to facilitate the relaxation, sleep, hygiene, feeding, sucking or teething of a child under four years of age.
Flame Retardant for TRIS(TDBPP) (with flame retardant finishing)	CHPA R.S., c. H-3, Schedule I, Part I, Item 30 Solvent extraction, LC-MS analysis	Not used
† Lead In Surface Coating (For children under 14 yrs of age)	CCPSA Surface Coating Materials Regulations section 7.2	Shall not exceed 0.009% (90mg/kg) by weight.
Physical Characteristics		
*† Fiber Analysis	AATCC 20/20 A	Single fiber: no tolerance Blends: 3% tolerance
Construction & Workmanship		
Workmanship	Visual check	No Major Defects - Shall Demonstrate Good, Even Construction, With No Sharp Edges, Sharp Points, Discoloration, Fabric Defects Or Seam Openings
Performance Test		
- For Whole shoes		
Sole Bond	FIA 1206	20 lbs. min

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Attribute	Citation	Requirement / Limit
Whole shoes flex	TM 92 (Room temp)	No damage after 50,000 flexes
Slip Resistance	ASTM F609 (mod) Tile walking surface	0.5 (dry) min 0.3 (wet) min.
* Seam Strength (For functional seam only)	BS 5131 5.13	Min 5N/MM
* Attachment strength	ASTM D1683 (mod.)	Decorative: 15 lbs min. Beads, sequins, rhinestone: 5 lbs min
* Washability (for washable items only)	AATCC 150 (Per provided care instruction)	- No constructional damage - Color Change: Grade 4.0 min. - Color Stain: Grade 4.0 min. - Dimensional Stability: +/-3% max. of material or 1/2 size of shoe size
*Resistance To Corrosion (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.
- For Upper		
Tensile strength	ASTM D 5034	25 lbs
* Fiber shedding (For pile fabric if applicable)	IHTM 026	3.5 min
Colourfastness to light	ASTM D 1148 (mod) (3 hrs)	Grade 3.5 min
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*Phenolic Yellowing test (White colour only)	ISO 105X18	Grade 4.5 min
- For Lining		
Formaldehyde Spot Test (If result is positive, do below test directly)	ITS 416	Negative
*Formaldehyde	ISO 14184-1 for textile ISO17225-2 for leather	For children less than 36 months : 20 ppm For others : 75 ppm
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Attribute	Citation	Requirement / Limit												
†Pre-packaged Product (Mandatory for in-store product only)	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. The numerical quantity shall be bold type with letter height based on the size of PDP (X):</p> <table border="1"> <tr> <th>Size of PDP</th> <th>Minimum letter height</th> </tr> <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> </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> <p>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" ("importé par") or "imported for" ("importé pour"), 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. (Pass/ Fail verdict is not applicable for online only items. Record actual findings only)</p>	Size of PDP	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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The Language of Inscription (Mandatory in Quebec)	The Charter of French Language, Title I, Chapter VII, Clause 51	<p>Every inscription on the following shall be drafted in French,</p> <ul style="list-style-type: none"> - product - product container or wrapping - document or object supplied with it (e.g. directions for use, warranty certificates) <p>No inscription in another language may be given greater prominence than that in French.</p>												
†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 and French on product and packaging.												

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

Packaging Charge (Net Price)	USD 350 for each market
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Sample size (per market)	Whole shoes: 2 pairs Upper material: 0.5 Yard Lining: 2X A4 size (Additional Sample may be required for tests with additional charge.)	
Turnaround time	5 working days	
Individual Charge (subject to client discount)	Additional Sample Size	
a. CA Prop 65	Refer to CA Prop 65	Refer to CA Prop 65
b. CPSIA Supplemental	Refer to CPSIA Supplemental	Refer to CPSIA Supplemental
c. Children's Products (Non-toy)	Refer to Children's Products (Non-toy)	Refer to Children's Products (Non-toy)
d. Lead content test	USD 31 per result	Subject of actual sample
e. Toxics in packaging	USD 54 per material	0.5 gram of packaging material
f. Nickel Release	EN 1811: USD 77 EN 12472: USD 109	4 pieces of metal components
g. Fiber Content	On quote	1 pair
h. Formaldehyde Content	USD 69 per part	10 g of material
i. Seam Strength	USD 29 per part (GZ price)	-
j. Attachment strength	USD 29 per part (GZ price)	1 pair of shoes
k. Washability	On quote	1 pair
l. Resistance To Corrosion	USD 38 per result	3 pieces of metal components
m. Phenolic Yellowing test	USD 24 per part	A4 size
n. Fiber shedding	USD 40	2X A4 size
o. Phthalates (For toy or child care article)	USD238 per result	5g
Remark: Price information is for reference only and based on our Guangzhou 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	Sep 26, 2011	Initial Release	Dongmei Zhang	
2.0	Aug 21, 2012	Add the Canada part as per client's requirement	Leon Dong Sherry Wang	Taylor (Emily) on 08 Jan 2013