

TEST SPECIFICATION

Product:	Woven Fabric		
Scope:	Woven Fabric (not including sleepwear used fabric)	Protocol No.	TYCP-24204-US
		Version	1.0
		Issue Date	Sep 26, 2011
		Prepared by	Dongmei Zhang
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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
Supplemental Protocol		
*† CA Prop 65 (Mandatory in state California)	Intertek Protocol	Consent Judgment of related court cases based on California Proposition 65. See http://oehha.ca.gov/prop65.html
*† CPSIA Supplemental	TYCP-00001-US	Shall comply with the applicable requirements. See CPSIA Supplemental Protocol posted at http://www.taymarkinc.com .
*† Children's Products (Non-toy)	TYCP-16026-US	Shall comply with the applicable requirements. See Children's Products (Non-toy) Protocol posted at http://www.taymarkinc.com .
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
Physical Characteristics		
*† Fiber Content	AATCC 20/20A	±3% tolerance blends No tolerance for single fiber
pH value	AATCC 81	White: 5-7 Others: 6-8
Formaldehyde Spot test (Do below test directly if result is Positive)	ITS 416	Negative
* Formaldehyde Content	AATCC 112	For children less than 36 months, 20 ppm For children more than 36 months, 75 ppm
Weight per unit area	ASTM D 3776	Report actual or +/-5.0% from claims
Yarn Count	ASTM D 1059	Report actual or +/-5.0% from claims
Fabric count	ASTM D 3775	Report actual or +/-5.0% from claims
Construction & Workmanship		
Workmanship	ASTM D 3990 Visual check	No Major Defects - Shall Demonstrate Good, Even Construction, With No Sharp Edges, Sharp Points, Discoloration, etc
Performance Test		
*† Flammability of Clothing	16 CFR 1610	Class 1
Dimensional stability to washing (Per care instruction)	AATCC 135/150 (3 cycles)	-4% +3%
Appearance to washing	Per Dimensional stability to washing	Satisfactory

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* Dimensional Stability to Dryclean (per care instruction or on request)	Commercial Dryclean (1 cycle)	+/-2.5%
* Appearance after Dryclean	Per Dimensional Stability to Dryclean	Satisfactory
Tensile strength	ASTM D5034	Shirt, Dress, skirt: 30 lbs Jacket, Coat, Vest: 37 lbs Pants, shorts, Jeans: 50 lbs
Tear Strength	ASTM D 1424	Shirt, Dress, skirt: 1.8 lbs Jacket, Coat, Vest: 2.0 lbs Pants, shorts, Jeans: 2.5 lbs
* Water Repellency (If claimed)	AATCC 22	Original: Rating 90 min. After 5 washes: Rating 70 min
* Water Resistance (if claimed)	AATCC 35 (2 min 2 ft water)	Original and after 5 washes: 1.0 g max
* Abrasion Resistance (Shell only)	ASTM D4966	Blouse, Shirt, Dress, Skirt: 10,000 rubs Jacket, Coat: 20,000 rubs Pants, Shorts: 30,000 rubs
* Stretch & recovery (For fabric with spandex)	ASTM D 3107	In stretch direction only: Spandex Content > 10%, Growth maximum: 5% Spandex Content < 10%, Growth maximum: 8%
Colourfastness		
To Washing	AATCC 61	Colour Change: Grade 4.0 min. Colour Stain: Grade 3.0 min. Self staining : Grade 4.5 min.
* To Dryclean (per care instruction)	AATCC 132	Colour Change: Grade 4.0 min. Colour Stain: Grade 3.0 min. Self staining : Grade 4.5 min.
* To Non-Chlorine Bleach (per care instruction)	AATCC/ASTM TS-001	Colour Change: Grade 4.0 min.
* To Chlorine Bleach (per care instruction)	AATCC/ASTM TS-001	Colour Change: Grade 4.0 min.
To Crocking	AATCC 8 / 116	General: Dry: Grade 4 Min, Wet: Grade 3 Min Pigment dyes and Dark Colours Dry: Grade 3 Min, Wet: Grade 2 Min
To water	AATCC 107	Colour Change: Grade 3.5 min. Colour Stain: Grade 3.0 min.
To Perspiration	AATCC 15	Colour Change: Grade 3.5 min. Colour Stain: Grade 3.0 min.
* To Light (For shell fabric only)	AATCC 16 40 AFU for swimwear 20 AFU for others	Colour Change: Grade 3.5 min

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Attribute	Test Method/Standard	Requirement / Limit
* To Burnt Gas Fumes (Whites & Indigo Only)	AATCC 23 (1 cycle)	Colour Change: Grade 4.0 min.
* To Ozone (Whites & Indigo Only)	AATCC 109 (1 cycle)	Colour Change: Grade 4.0 min.
* To Saliva (for children less than 36 months)	64 LFGB	Color staining : Grade 4.5 min .

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