

Product:	Garters		
Scope:	Garters	Protocol No.	TYCP-24714-NA
		Version	2.0
		Issue Date	15 Jan 2013
		Prepared by	GZ Technical Support Team
		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
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	Shall not exceed 90ppm (0.009% by weight) total lead. Children products refer to Children's safety protocol.
* 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. It's Vendor responsible to comply to requirement
Physical Characteristics		
Fabric Weight	ASTM D 3776 (Woven) ASTM D 3887 (Knit)	Report actual; or +/-5% if applicable
* Fiber Analysis (if claimed)	AATCC 20/20A	Single fiber: No tolerance Blended fiber: +/- 3%
Construction & Workmanship		
Defects	Visual Check	No Major Defects - Shall Demonstrate Good, Even Construction, With No Sharp Edges, Sharp Points, Discoloration, Fabric Defects Or Seam Openings
Performance Test		
† Flammability	16 CFR 1610	Class 1
Dimensional stability to washing (Per care instruction)	AATCC 135/150 (Per care instruction provided)	-7% -0%
Appearance after washing (Per care instruction)	Per Dimensional stability to washing	No noticeable change in appearance, no lack of functionality General requirement: satisfactory
Stretch properties	ASTM D 4964 (Mod)	Report actual
Attachment Strength	Pull test	Snaps, Buttons, Shanks, Rivets, etc. 15 lbs for 10 seconds. Hand-Sewn Beads, Sequins, etc. 5 lbs for 10 seconds.
Resistance to Corrosion On Metal Components (If applicable)	ASTM B117 (Modified)	Withstand 24 hours in 1% salt spray (fog) with no major corrosion or visual change.
Colourfastness		

Product:	Garters		
Scope:	Garters	Protocol No.	TYCP-24714-NA
		Version	2.0
		Issue Date	15 Jan 2013
		Prepared by	GZ Technical Support Team
		Page	2 of 6

Attribute	Citation	Requirement / Limit
To washing (Per care instruction)	AATCC 61	Colour Change: Grade 4.0 min. Colour Stain: Grade 3.0 min. Self-staining: Grade 4.5 min
To Chlorine Bleach (Per care instruction)	AATCC/ASTM TS-001	Colour Change: Grade 4.0 min.
To Non-Chlorine Bleach (Per care instruction)	AATCC/ASTM TS-001	Colour Change: Grade 4.0 min.
To perspiration	AATCC 15	Colour Change: Grade 3.5 min. Colour Stain: Grade 3.0 min.
To Water	AATCC 107	Colour Change: Grade 3.5 min. Colour Stain: Grade 3.0 min.
To Crocking	AATCC 8 / 116	Dry: Grade 3.5 min. Wet: Grade 2.5 min.
To light	AATCC 16 (20 AFU)	Grade 3.5 min
Phenolic Yellowing (White colour only)	ISO 105X18	Grade 4.5 min
Labelling Requirement		
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)
RN# (Registered Number) or Manufacturer Name (If applicable)	Visual	Verify presence (Textile Fiber Products Identification Act or Wool Products Labelling Act)
Care Instruction	16 CFR 423	Must be sewn in permanently and must comply with regulations (Care Labeling Rule)
Verify Label Claims (if any)	ITS-M0060	Must comply with all claims
For Canada Market		
Chemical Analysis		
† 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		
Fabric Weight	CAN/CGSB-4.2 No. 5.1	Report actual; or +/-5% if applicable
* Fiber Analysis (if claimed)	CAN/CGSB-4.2 No. 14	Single fiber: No tolerance Blended fiber: +/- 5%
Construction & Workmanship		

Product:	Garters		
Scope:	Garters	Protocol No.	TYCP-24714-NA
		Version	2.0
		Issue Date	15 Jan 2013
		Prepared by	GZ Technical Support Team
		Page	3 of 6

Attribute	Citation	Requirement / Limit
Defects	Visual Check	No Major Defects - Shall Demonstrate Good, Even Construction, With No Sharp Edges, Sharp Points, Discoloration, Fabric Defects Or Seam Openings
† Sharp Points / Sharp Edges	Hazardous Products [Toys] Regulations C.R.C., c. 931	Shall have no sharp points / edges, other than those required for function. Modified = Expanded scope to other than toy products
† Small Parts	Hazardous Products [Toys] Regulations C.R.C., c. 931	The requirement of small parts for choking hazard applies to all Decorative and Functional items If the decorative or functional item fails attachment strength or appearance after laundering requirement, it will then be tested as a small part. If it can fit entirely within the specified small parts cylinder under a 1 lb. weight, then the item is classified as a small part (ingestion and /or aspiration hazard) and must fail.
Performance Test		
† Flammability - General Wearing Apparel	Textile Flammability Regulations (SOR/2011-22)	Canadian Consumer Product Safety Act, Schedule 1, Part 1, Item 4: a) Time of flame spread shall be greater than 3.5 seconds, where the product does not have a raised fiber surface, or: b) Time of flame spread shall be greater than 4 seconds, where the product has a raised fiber surface and exhibits ignition or fusion of its base fibers.
Dimensional stability to washing (Per care instruction)	CAN/CGSB-4.2 No. 58 (Per care instruction provided)	-7% -0%
Appearance after washing (Per care instruction)	Per Dimensional stability to washing	No noticeable change in appearance, no lack of functionality General requirement: satisfactory
Stretch properties	ASTM D 4964 (Mod)	Report actual
Attachment Strength	Pull test	Snaps, Buttons, Shanks, Rivets, etc. 15 lbs for 10 seconds. Hand-Sewn Beads, Sequins, etc. 5 lbs for 10 seconds.
Resistance to Corrosion On Metal Components (If applicable)	ASTM B117 (Modified)	Withstand 24 hours in 1% salt spray (fog) with no major corrosion or visual change.
Colourfastness		
To washing (Per care instruction)	CAN/CGSB-4.2 No. 19.2	Colour Change: Grade 4.0 min. Colour Stain: Grade 3.0 min. Self-staining: Grade 4.5 min
To Chlorine Bleach (Per care instruction)	CAN/CGSB-4.2 No. 19.2	Colour Change: Grade 4.0 min.
To Non-Chlorine Bleach (Per care instruction)	ISO 105 C09	Colour Change: Grade 4.0 min.
To perspiration	CAN/CGSB-4.2 No. 23	Colour Change: Grade 3.5 min. Colour Stain: Grade 3.0 min.

Product:	Garters		
Scope:	Garters	Protocol No.	TYCP-24714-NA
		Version	2.0
		Issue Date	15 Jan 2013
		Prepared by	GZ Technical Support Team
		Page	4 of 6

Attribute	Citation	Requirement / Limit												
To Water	CAN/CGSB-4.2 No. 20	Colour Change: Grade 3.5 min. Colour Stain: Grade 3.0 min.												
To Crocking	CAN/CGSB-4.2 No. 22	Dry: Grade 3.5 min. Wet: Grade 2.5 min.												
To light	CAN/CGSB-4.2 No. 18.3 (up to grade 4)	Grade 3.5 min												
Phenolic Yellowing (White colour only)	ISO 105X18	Grade 4.5 min												
Labelling Requirement														
†Labeling - Packaging	Consumer Packaging and Labeling 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 PDP (X):</p> <table border="0"> <tr> <td>Size of PDP</td> <td>Minimum letter height</td> </tr> <tr> <td>X ≤ 32 cm² (5 in²)</td> <td>1.6 mm (1/16 in)</td> </tr> <tr> <td>32 cm² < X ≤ 258 cm² (40 in²)</td> <td>3.2 mm (1/8 in)</td> </tr> <tr> <td>258 cm² < X ≤ 645 cm² (100 in²)</td> <td>6.4 mm (1/4 in)</td> </tr> <tr> <td>645 cm² < X ≤ 25.8 dm² (400 in²)</td> <td>9.5 mm (3/8 in)</td> </tr> <tr> <td>25.8 dm² (400 in²) < 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.</p> <p>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.</p>	Size of PDP	Minimum letter height	X ≤ 32 cm ² (5 in ²)	1.6 mm (1/16 in)	32 cm ² < X ≤ 258 cm ² (40 in ²)	3.2 mm (1/8 in)	258 cm ² < X ≤ 645 cm ² (100 in ²)	6.4 mm (1/4 in)	645 cm ² < X ≤ 25.8 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)
Size of PDP	Minimum letter height													
X ≤ 32 cm ² (5 in ²)	1.6 mm (1/16 in)													
32 cm ² < X ≤ 258 cm ² (40 in ²)	3.2 mm (1/8 in)													
258 cm ² < X ≤ 645 cm ² (100 in ²)	6.4 mm (1/4 in)													
645 cm ² < X ≤ 25.8 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)													
†Fiber Content Label	Textile Labelling Act and Textile Labelling and Advertising Regulations, C.R.C., c. 1551	<p>Label must be legible and accessible to the consumer. Per Canadian Textile Labelling Act and Textile Labelling and Advertising Regulations, C.R.C., c. 1551, the permanency of the label depends on the type of article, as specified in Schedule I or III, of the Regulations. Refer to the Regulations for details.</p> <p>All fiber content information (generic names of fibers) must be in English and French.</p>												

Product:	Garters		
Scope:	Garters	Protocol No.	TYCP-24714-NA
		Version	2.0
		Issue Date	15 Jan 2013
		Prepared by	GZ Technical Support Team
		Page	5 of 6

Attribute	Citation	Requirement / Limit
†CA No. or Dealer Identity	Textile Labelling Act and Textile Labelling and Advertising Regulations, C.R.C., c. 1551	The CA number of the Canadian dealer or the name and full postal address under which the dealer normally carries out his business must be present on the fiber content label per Sections 11 and 12 of the Textile Labelling and Advertising Regulations.
†Country of Origin	Canada Customs Tariff, Marking of Imported Goods Regulations, SOR-94-10	Shall be present in English or French if not manufactured in Canada.
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: <ul style="list-style-type: none"> - 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
Labeling of Pre-Packaged Consumer Textile Articles	Textile Labelling Act and Textile Labelling and Advertising Regulations, C.R.C., c. 1551	Per Section 21 of the Textile Labeling and Advertising Regulations, C.R.C., c. 1551, if the textile article is sold in a wrapper, package or container and the fiber content label is clearly visible to the consumer, no further labeling is required. If the label is not visible, the information to be shown on the label must be repeated on the wrapper, package or container in the prescribed manner.
Care Label	National Standard of Canada, Care Labeling of Textiles, CAN/CGSB-86.1-2003 and Canadian Textile Test Methods CAN/CGSB-4.2	If Canadian care symbols are used, these must be presented in accordance with the National Standard of Canada, Care Labelling of Textiles, CAN/CGSB-86.1-2003. Care labels must be permanently attached to the textile article.
Use Labeling	Visual Check	Use/care instructions that are clear and understandable shall be provided in language appropriate to destination countries.

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	
Sample size	2 pieces of finished product + 1 yard fabric per market (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

Product:	Garters		
Scope:	Garters	Protocol No.	TYCP-24714-NA
		Version	2.0
		Issue Date	15 Jan 2013
		Prepared by	GZ Technical Support Team
		Page	6 of 6

e. Toxics in packaging	USD 54 per material	0.5 gram of packaging material
f. Fiber Analysis	On quote	1 piece of sample
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	Oct 10, 2011	Initial Release	Dongmei zhang	
2.0	Aug 24, 2012	Add the Canada test requirement	Renee Zhao Sherry Wang	Taylor (Emily) on 08 Jan 2013