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# Quality Assurance Apparel Testing for Adults & Children

#### INTRODUCTION

Independent laboratory testing protects the Eddie Bauer brand image by ensuring high quality goods. Items sold through Eddie Bauer must be tested via Bureau Veritas (BV), or Intertek Testing Services (ITS), or an accredited laboratory through BV, ITS or PSEB/Eddie Bauer. Mills/vendors/supplier must receive quality approval after testing is conducted and reviewed by the Eddie Bauer designated quality representative, prior to shipping.

Eddie Bauer's Testing Specification numbers (TS's) are assigned and located in individual style tech specs for adult apparel, (Shell, Lining & Garment), which include required basic tests appropriate by product type + any applicable performance TS's. All trim components, from the complete list of TS 800 Series (as style applicable), must also meet the requirements as specified through testing. TS's for Trims & Findings, with Performance attributes, will be stated, on the Standards page, in the tech specs.

Testing protocols are assigned and located in individual style Tech Spec for children's apparel.

# **Key Points:**

- Mills/vendors/suppliers must ensure test submits and reports accurately represent approved quality of trim, yarns/fabrics/materials, and garments. For example:
   Mills/vendors/suppliers must ensure samples are fully representative of all processing (if wet processed, sample must be wet processed, etc.). Mills should contact vendors for details of post make up washes, and should replicate the wash as closely as possible.
- Visually unsatisfactory samples (stains, tears, missing pieces, etc.) will not be accepted for testing.
- All testing costs, inclusive of shipping costs to/from laboratories, samples and any required retesting, are the responsibility of mills/vendors/suppliers.
- Mills/vendors/suppliers are responsible for coordinating and conducting tests required for product approval, including:
  - o Fabric/Yarn/Material Tests
  - Trim Tests
  - Pre-Production Garment Tests
  - Performance Properties/Claims (i.e. water resistance)

- In the production stage, the vendor is responsible for communicating all necessary testing information to the mill(s) as needed.
- Tests should be conducted by style. Fabric/Style consolidation may be allowed for garment testing to reduce overall test expenses. **For example**: A long sleeve crew neck tee and a short sleeve crew neck tee may be grouped and just require one style to be tested. Vendor must receive permission from PSEBAsia to consolidate styles.
- Adult and Children's styles using the same fabric qualities may be combined for fabric production testing. \*Children's garments must be tested separately using BV children's protocol. (See style Tech Specs)
- Test sample submits must be sent to BV or ITS and they must be accompanied by the appropriate Eddie Bauer test request form with all required information filled in. \*See forms section.
- Additional requirements apply to down filled garments.
- Test results are valid for 2 <u>continual</u> production seasons only (i.e. such as FH 18 & SS 19). If any changes, a new test is required. New season's DRN #'s and season must be updated (Season & DRN #'s) to any carryover test reports, at mill/vendor's/supplier's expense and it is the responsibility of these parties to ensure this happens. NEW testing will be required in the 3<sup>rd</sup> season (i.e. FH 19) without exception.
- Styles identified by Eddie Bauer as Heavy Wash will require, on the pre-production garment, full garment testing of the darkest color, with extra requirements of selected tests on all additional colors in garment form.
- Styles that are Garment Dye will require full garment testing on pre-production garment of the darkest color, with extra requirements of testing all other colors as additional colors in garment form
- For fabrics containing spandex, Eddie Bauer has a +/-1% composition tolerance requirement.
- pH testing will be conducted on both washed and non-washed product as specified by test stage(s) in the assigned Test Specification.

# **PROCESS**

## <u>Development Process: Fabric/Yarn/Material Testing Process</u>

- Fabric testing specifications for Adults are posted on the Eddie Bauer Global Sourcing Vendor Compliance Manual (VCM) under EB Testing Specifications-Adult Apparel. See Section 8
- Fabric testing protocols for children's are posted on the Eddie Bauer Global Sourcing Vendor Compliance Manual (VCM) under protocol-Children's Apparel/Accessories.
- Mills/vendors/suppliers must submit fabric detail sheet (FDS) to Eddie Bauer's Material Developers for each fabric quality. FDS form is located in the VCM Fabric & Color section and must include performance attributes and any quality concerns by submit. See Section 7
- Material Development team request in-house fabric test results from the mill after the mill has reviewed EB testing specifications. Mill test reports must be current within the calendar year

being sourced. Any questions related to this contact the relevant EB material development team member.

- Mills/vendors/suppliers submit :
  - o In-house or third party test reports as requested.
  - Test results should correspond to the claimed information provided on the completed FDS and the appropriate EB testing specification(s).
- EBQA reviews in house development or third-party test reports with Material Development to determine if they meet EB testing specification requirements, as designated in our Test Specifications (TS's), as noted under the Fabric Development column, unless reviewed by PSEBAsia:

#### o <u>IF SATISFACTORY</u>:

The fabric/yarn/material may be adopted

#### IF UNSATISFACTORY:

EBOA reviews test results AND EITHER:

- 1. The results are unacceptable and the fabric/yarn/material is dropped OR improved to meet EB standards.
- 2. The test results can be accepted for the intended end use OR the mill/vendor/supplier can guarantee in writing/email the requirements will be achieved in production.
- Acceptances/Approvals will be communicated to you via EB Material Development team or EBQA US.

#### Production Process: Fabric/Yarn/Material/Trim Testing

- All colors will be tested for colorfastness properties. (In the case of fabric prepared for garment dye, test the base fabric for physical tests only, and test all colors in garment form.)
- It is the Vendors responsibility to provide mills/suppliers with Eddie Bauer QA production testing requirements in style Tech Specs. Included are:
  - assigned test specification(s),
  - expected care code(s),
- Mills/vendors/suppliers must review the requirements and care codes. Issues or concerns should be communicated to PSEBAsia.
- Mills/vendors/suppliers proceed with production testing per agreed requirements in development.

- Mills/vendors/suppliers must create their own Bureau Veritas E-COM or Intertek Testing Services account.
  - Bureau Veritas: To obtain access to the Online Test Request Form, please access the Bureau Veritas excel application form via <a href="https://www.bvonesource.com/wps/portal">https://www.bvonesource.com/wps/portal</a>, and email it to your regular BV lab contact. A username and password will be provided once the processing of the application is complete (1 to 3 working days), which will enable you to access the Online Test Request Form for all future submissions.
  - Intertek Testing Services: To obtain User access to the Online Test Request Form, please complete the Intertek Testing Services User application form via <a href="https://interlink.intertek.com">https://interlink.intertek.com</a> and return to Intertek.
- Mills/vendors/suppliers must completely fill out the appropriate Bureau Veritas E-COM or Intertek Testing Services online EB test request form (TRF) and submit enough samples of BULK production fabric/knit down/material/trims to a Bureau Veritas or Intertek Testing Services or a BV or ITS accredited laboratory. See required test submittal quantities section. See Section 8.
- Testing must be submitted no later than 2 weeks prior to shipping.
- Bureau Veritas or Intertek performs all required testing including fiber content and issues the test report to requestor and appropriate PSEBAsia contacts.
- Fiber content/analysis and care must be confirmed by a production test report to be included with content/care label proofs.
  - Vendors are accountable for correct labeling and need to be aware of US/Canadian labeling requirements.
  - EBQA US reviews (English text) care instruction and fiber content labeling proofs provided by vendors.
- Mills/vendors/suppliers receive test results:
  - IF Satisfactory

Mills/suppliers send sufficient material quantities to the vendor for pre-production garment testing.

#### IF Unsatisfactory

PSEBAsia will comment on failed test reports.

- 1. Mills/vendors/suppliers must improve/correct the issue or retest based on direction given from PSEBAsia.
- 2. PSEBAsia may allow "Limited Acceptance" or Override at their discretion based on unsatisfactory tests results.

# **Pre-Production Garment Testing**

- Vendors receive an order and have received sufficient production fabric/yarn/material/trim from mills/suppliers.
- Quality issues and/or concerns should be directed to the PSEBAsia Office.
- Vendor makes preproduction garments in any one color, <u>using production materials</u>. If the style is running in several colors, vendor should submit darkest color way.
- Exceptions: Styles identified by Eddie Bauer as Garment Dye will require full garment testing
  on pre-production garment of the darkest color, with extra requirements of testing all other
  colors as additional colors in garment form.
- Styles that are Heavy Wash will require, on the pre-production garment, full garment testing
  of the darkest color, with extra requirements of selected tests on all additional colors in
  garment form.
- Vendor must completely fill out the appropriate Bureau Veritas E-COM or Intertek Testing
   Services online EB test request form (TRF) and submits enough samples to Bureau Veritas or
   Intertek Testing Services for third party testing.
- Bureau Veritas or Intertek Testing Services performs all required testing and issues the test report to requestor/Vendor and appropriate PSEBAsia contacts.
- Fiber content/analysis and care must be confirmed by a BV or ITS production test report.
  - Vendors are accountable for correct labeling and need to be aware of US/Canadian labeling requirements.
  - EBQA US reviews (text in US English) care instruction and fiber content labeling proofs provided by vendors.

#### IF Satisfactory

The vendor orders correct care and fiber content labels and proceeds with production. Fiber content questions should be addressed to PSEBAsia contacts.

#### IF Unsatisfactory

PSEBAsia will comment on failed test reports.

- The vendor must improve/correct the issue and retest based on PSEBAsia comments.
   If the vendor cannot correct/improve the issue, vendor must immediately notify Eddie Bauer Production team in writing.
- 2. PSEBAsia may allow "Limited Acceptance" or Override at their discretion based on unsatisfactory tests results.

# **PRODUCT CLASSIFICATION**

# **Test Specifications-Adult Apparel**

Test specifications (TS's) are designated by product category and outline individual tests required at each testing stage. Products must be tested according to the appropriate test specification(s). See individual style Tech Spec for TS numbers. See Section 8.

	Eddie Bauer Testing Specifications Summary Page
"	
TS#	CATEGORY
	APPAREL (100 Series)
101	Woven Apparel
101HW	Heavy Wash - Woven Apparel
101GD	Garment Dye - Woven Apparel
<mark>102</mark>	Knit Apparel
102GD	Garment Dye - Knit Apparel
102SL	Seamless – Knit Apparel
<mark>103</mark>	Leather Apparel
	SWEATER APPAREL (200 Series)
<mark>200</mark>	Sweater Apparel (Tops/Dresses)
	OUTERWEAR (300 Series)
<mark>301</mark>	Woven Outerwear (Jackets/Vests/Pants)
<mark>302</mark>	Knit Outerwear (Jackets/Vests/Pants)
<mark>303</mark>	Leather Outerwear (Jackets/Vests/Pants)
	SWIMWEAR (400 Series)
401	Woven Swimwear (Swimsuits/Cover-ups)
<mark>402</mark>	Knit Swimwear (Swimsuits/Cover-ups)
	UNDERWEAR/SLEEPWEAR (500 Series)
<mark>501</mark>	Woven Underwear/Sleepwear/Lingerie/Lt. Weight Novelty Apparel
501GD	Garment Dye - Novelty Woven
<mark>502</mark>	Knit Underwear/Sleepwear (Boxers/Pajamas/Nightgowns/Robes)

	Eddie Bauer Testing Specifications Summary Page
TS#	CATEGORY
	TRIMS (800 Series)
800	Trims-Zipper, Slide Fasteners
805	Trims-Snaps
810	Trims-Buttons
<mark>815</mark>	Trims-Cord Ends/Buckles/Cord Stops/Cord Locks/Zipper Pulls/Decorative or Functional
820	Component/Trim Trims-Elastics
825	Drawstrings, Cords, Tapes, Patches, Piping, Ribbon, & Braid
830	Trims-Collars/Cuffs/Placket Trim, Other Fabric Trim, and Leather and Faux Leather Trim
835	Trims-Lining/Pocketing
840	Trims-Baffle
841	Trims-Baffle for Colored Fabrics
845	Trims-Labels/Screen Prints, Graphic Prints
846	Trims-Labels/Heat Transfers
850	Trims- Faux Fur
000	PERFORMANCE (900 Series)
905	Dye Stay Colorfastness
910	Wrinkle Resistant
915	Waterproof: Sealed Seams
916	Extended Wash Durability: Welded, Glued & Overlay Components
920	Water, Stain, Oil Repellency (Resistance)
921	Oil Repellency
925	Water, Oil, Stain Repel (Resist) Release
930	Wicking
935	Moisture Management
937	Quick Dry
938	FreeDry Cotton-Dry Time TransDry & Non-TransDry (treated and untreated)
940A	Water Repellency (Spray Test) AATCC 22 - WR
940B	Water Repellency (Spray Test)AATCC 22 - DWR
940C	Water Repellency (Spray Test) AATCC 22 - Super DWR
940D	Water Repellency (Spray Test) AATCC 22 - WR Dry Clean Only Products
940E	Water Repellency (Spray Test) AATCC 22 - DWR Dry Clean Only Products
940F	Water Repellency (Spray Test) AATCC 22 - DWR Plus
945	Water Resistance (For Customs) AATCC 35 - Rain Test
949	Waterproof
950	Breathable (for waterproof/breathable fabrics)
955	Breathable (for non-waterproof/breathable fabrics)
960A	Windproof (Air Permeability)
960B	Wind Resistant (Air Permeability)
960C	Air Permeability for Waterproof Fabrics (WE Flux)

	Eddie Bauer Testing Specifications Summary Page
TS#	CATEGORY
<mark>961</mark>	Electrical Surface Resistivity of Fabrics (Anti-Static) AATCC 76 (BV HK only) or ITS
<mark>962</mark>	Thermal Transmittance of Textile Material (clo) ASTM SD1518 opt. 1 (Shanghai only) or ITS
<mark>963</mark>	Thermal Regulations (Qmax) FTTS-FA-019 BV or ITS
970	Ultraviolet Protection Factor UPF
975	IR Far-Infrared
980	Antimicrobial/Antibacterial
<mark>981</mark>	Deodorizing ITS only
985	Odor Control
<mark>986</mark>	Collagen – Sensitive Skin ITS only
<mark>987</mark>	Protection against Free Radicals ITS only
<mark>990</mark>	Down Proof
995	Fiber Proof

# **Protocols-Children's Apparel/Accessories**

 Children's testing protocols are assigned by EBQA-US. See individual style spec package for protocol number.

PROTOCOL NAME	PROTOCOL NUMBER
	<u> </u>
Lunch Bag/Sack/Backpack	2069.02
Children's Outerwear	0305.02
Knit/Woven Hats, Gloves, Scarves- Children	2013.02
Children's Product (Non-Toy)	8001
Children's Woven Apparel- Tops/Bottoms	0299.01
Children's Knit Apparel- Tops/Bottoms	0298.01
Children's Swimwear	0871
Children's Footwear	9211
Children's Tents	8505.02
Children's Sleeping Bags	8515.03
Supplemental CPSIA Requirements	8444
Garment Performance Supplemental	9900
Toys	8000
Children's Trim	0700

# **Care Instructions**

• Eddie Bauer has established an extensive list of care codes. Products are assigned an expected care code in the Tech Specs and must be tested in accordance with those care

instructions. Care codes are assigned prior to production fabric/garment testing and must be validated by a test report <u>before</u> ordering care labels. EBQA reserves the right to revise a garment care code if issues are found. Content/Care labels should <u>not</u> be ordered prior to receiving production garment testing.

- Please refer to the labeling section for the complete list of care codes. See individual style
- Tech Spec for care code assignment.

# CARE / FIBER CONTENT LABEL DEVELOPMENT AND APPROVAL PROCESS

- EB Materials enters claimed material fiber content(s) into the tech spec based on FDS provided by material supplier
- EB-QA enters the care code into the tech spec
- EB Product Development enters label reference into the tech spec
- Tech spec is made available to vendor
- Vendor obtains BV or ITS production fabric test report(s) confirming actual fiber content and care instructions. [NOTE: For vertical suppliers who may not have adequate time for testing between fabric completion and commencement of garment production, please arrange proposed garment care/content proof based on the care code provided in the tech spec and fiber content in the tech spec/FDS OR if possible, base fiber content on previous fabric testing history.]
- Vendor passes proposed garment content and care instructions to label supplier. (NOTE: Vendors are accountable for correct labeling and need to be aware of US/Canadian labeling requirements). For fiber content labeling requirements, see US FTC, "Threading Your Way Through Labeling Requirements" <a href="https://www.ftc.gov/tips-advice/business-center/guidance/threading-your-way-through-labeling-requirements-under-textile">https://www.ftc.gov/tips-advice/business-center/guidance/threading-your-way-through-labeling-requirements-under-textile</a>. For International requirements, please reach out to Eddie Bauer Sourcing and Eddie Bauer International Departments for specifications.
- Label suppler develops and provides the proposed label proof back to the vendor. This proof includes actual fiber content and care instructions, which are reviewed and approved by EB-QA.
- Vendor submits layout by email to \*EB-QA, with BV or ITS fabric test report(s), for approval clearly organized matching label proof(s) with test report (s). [NOTE: Submission of BV or ITS fabric test report(s) with label proof(s) is not a requirement for vertical suppliers. However vertical suppliers must check that label and test report information correlate before any garment production starts.] \*For all appropriate Eddie Bauer contacts for Care/Content approvals please see additional page.
- Once approved, vendor can order bulk garment labels
- Bulk fabric and garment test requests must include the assigned care code reference
- If bulk BV or ITS fabric and/or garment testing shows failure of the assigned care code, and/or BV or ITS garment testing shows adjustments are needed regarding fiber content, labels may need to be replaced.
- Liability will depend on reason for failure.
- For carryover styles, <u>care/content label approvals</u> are valid for 2 continual production seasons (i.e. FH17 & SS 18), provided NO changes in materials and/or care instructions occur or if any other necessary corrections are needed. If any changes, a new label proof must be submitted for approval to EB-QA. New label proof approvals for all carryover styles, will be required in the 3rd season (i.e. FH18) without exception.

## **Summary of Contacts for Care/Content Label Approval**

\*You must receive approval before ordering for bulk. Bulk fabric test reports must be submitted with each label proof.

# **US/Canada (English Text Only):**

- FA and Lifestyle Outerwear: Erin Menor: <a href="mailto:erin.menor@eddiebauer.com">erin.menor@eddiebauer.com</a>
- Woven Sportswear, Sweaters, Sleep (Knit & Woven), Sport Shop, Outlet Outerwear:
   Marcia Crank: marcia.crank@eddiebauer.com
- Knits, Gear, Accessories, Footwear, Gifts, Home and Children's:
   Vani Srirangam: <a href="mailto:vani.srirangam@eddiebauer.com">vani.srirangam@eddiebauer.com</a>
- Note: For Canada (French translations), this information is provided through the label supplier, so no further approval is necessary.

#### EB Japan (EBJ):

Mr. Tatsuya Komine: <a href="mailto:tkomine@eddiebauer.co.jp">tkomine@eddiebauer.co.jp</a>

\*Copy: hkiyota@eddiebauer.co.jp and taksato@eddiebauer.co.jp

#### EB Germany (EBG):

Ms. Tiziana Cafiero: <u>tiziana.cafiero@eddiebauer.de</u> and PurchaseOrder

<PurchaseOrder@eddiebauer.de>

# **Superdeporte S.A.** (Previously PSG):

Martin Esteban Saenz Espinoza: martin.saenz@ec.marathon-sports.com

#### Primer, Hudson, and RMI:

No approval necessary

# Required Test Submittal Quantities for Adult Apparel-BV

 This chart outlines minimum sample quantities needed to complete third-party testing with BV.

APPAREL (100 series), OUTERWEAR (300 series), SWIMWEAR (400 series), UNDERWEAR/SLEEPWEAR/LINGERIE/LT WT NOVELTY APPAREL (500 series) (woven – knit – leather)		
FABRIC	Development	3 yards (any color)
KNITDOWN	Production	3 1/2 yards (one color)
MATERIAL	Production Additional Color(s)	1 yard (each additional color)
GARMENT	Pre-Production	3 garments (one color)
	Pre-Production Additional Color(s)	2 garments (each additional color)

APPAREL Woven (Heavy Wash (101HW)			
FABRIC KNITDOWN	Development Production	3 yards (any color) 3 1/2 yards (one color)	
MATERIAL	Production Additional Color(s)	1 yard (each additional color)	
	Pre-Production	3 garments (one color)	
GARMENT	Pre-Production Additional Color(s)	2 garments (each additional color)	
APPAREL Woven - Knit Garment Dye (101GD/102GD/501GD)			
FABRIC	Development	3 yards (any color)	
KNITDOWN	Production	3 1/2 yards (one color)	
MATERIAL	Production Additional Color(s)	1 yard (each additional color)	
GARMENT	Pre-Production	3 garments (one color)	
GARMENT	Pre-Production Additional Color(s)	2 garments (each additional color)	
APPAREL Woven - Knit Seamless (102SL)			
TUBES	Pre-Production Additional Color(s)	6 tubes: Min tube Circumference 30" x Length 18" per care code (inquire to BV for special claims)	
GARMENT	Pre-Production	3 garments + 3 yards (shell & lining)	
GARWENT	Pre-Production Additional Color(s)	3 garments + ½ yard (shell & lining)	
	APPAREL SWEATERS (200)		
FABRIC	Development	3 yards (any color)	
KNITDOWN	Production	3 1/2 yards (one color) +garment	
MATERIAL		for fiber content	
	Production Additional Color(s)	1 yard (each additional color)	
GARMENT	Pre-Production	3 garments (one color)	
	Pre-Production Additional Color(s)	2 garments (each additional color)	
TRIMS (800 series)			
TS 800 –	Development	20 (any color)	
ZIPPERS, SLIDE	Production	20 (one color)	
FASTENERS	Production Additional Color(s)	20 (each additional color)	
TS 805 -	Development	25 (any color)	
SNAPS	Production	25 (one color)	
	Production Additional Color(s)	25 (each additional color)	

TRIMS (800 series)		
TS 810 -	Development	30 (any color)
BUTTONS	Production	30 (one color)
B0110N3	Production Additional Color(s)	30 (each additional color)
TS 815 -	Development	30 (any color)
CORD ENDS	Production	30 (one color)
BUCKLES	Production Additional Color(s)	
CORDSTOPS		
CORDLOCKS		
ZIPPER PULLS		30 (each additional color)
DECORATIVE or		
FUNCTIONAL		
COMPONENTS	Douglanment	4
TS 820 -	Development	4 yards (any color)
ELASTICS	Production	5 yards (one color)
	Production Additional Color(s)	3 yards (each additional color)
TS 825 -	Development	4 yards (any color)
DRAWSTRINGS	Production	5 yards (one color)
CORDS TAPES PATCHES	Production Additional Color(s)	3 yards (each additional color)
PIPING RIBBON		
& BRAID		
TS 830 -	Development	2 1/2 yards (any color)
COLLARS	Production	3.5 yards (one color)
CUFFS	Production Additional Color(s)	3 yards (each additional color)
PLACKET TRIM,	Troduction raditional color(s)	5 yaras (caeri adaicional color)
OTHER FABRIC		
TRIM, LEATHER		
& FAUX		
LEATHER		
TS 835 -	Development	3 yards (any color)
LINING	Production	3 yards (one color)
POCKETING	Production Additional Color(s)	1 yard (each additional color)
(with & without		
abrasion)		
TS 840 & 841 -	Development	3 yards (any color)
BAFFLE &	Production	3 yards (one color)
_		
BAFFLE for	Production Additional Color(s)	1 yard (each additional color)
COLORED		
COLORED FABRIC	Production Additional Color(s)	1 yard (each additional color)
COLORED FABRIC TS 845 -	Production Additional Color(s)  Development	1 yard (each additional color)  15 (any color)
COLORED FABRIC	Production Additional Color(s)	1 yard (each additional color)

TRIMS (800 series)		
TS 846 -	Development	15 (any color)
LABELS/	Production	15 (one color)
HEAT	Production Additional Color(s)	15 (each additional color)
TRANSFERS	, ,	, ,
TS 850 -	Development	1yard
FAUX FUR	Production	2 1/2 yards
TAGATOR	Production Additional Color(s)	2 yards
	PERFORMANCE – (900	series)
TS 905 - DY	E STAY COLORFASTNESS	
FABRIC	Development	N/A
KNITDOWN	Production	N/A
MATERIAL	Production Additional Color(s)	N/A
	Pre-Production	N/A
GARMENT	Pre-Production Additional Color(s)	2 garments
TS 910 - W	RINKLE RESISTANCE	
FABRIC	Development	N/A
KNITDOWN	Production	N/A
MATERIAL	Production Additional Color(s)	N/A
	Pre-Production	2 garments (any color/pattern)
GARMENT	Pre-Production Additional Color(s)	2 garments
		(each additional color/pattern)
TS 915 - W	ATERPROOF: SEALED SEAMS	
FABRIC	Development	Appropriate mock-ups as needed
KNITDOWN	Production	N/A
MATERIAL	Draduction Additional Color(s)	NI/A
	Production Additional Color(s)  Pre-Production	N/A
GARMENT	Pre-Production Pre-Production Additional Color(s)	N/A 4 garments
TS 916 - EX	TENDED WASH DURABILITY: WELDED, GLUI	
FABRIC	Development	Appropriate mock-ups as needed
KNITDOWN	Production	N/A
MATERIAL	Production Additional Color(s)	N/A
	Pre-Production	N/A
GARMENT	Pre-Production Additional Color(s)	½ yard with component attached
		,

PERFORMANCE – (900 series)		
TS 920 - W/	ATER, OIL, STAIN REPELLENCY (RESISTANCE)	
FABRIC	Development	N/A
KNITDOWN	Production	¼ yard (one color)
MATERIAL	Production Additional Color(s)	¼ yard (each additional color)
GARMENT	Pre-Production	N/A
	Pre-Production Additional Color(s)	N/A
TS 921 – OI	L REPELLENCY	
FABRIC	Development	¾ yard (any color)
KNITDOWN	Production	¾ yard (any color)
MATERIAL	Production Additional Color(s)	¾ yard (each additional color)
GARMENT	Pre-Production	N/A
GARIVIENT	Pre-Production Additional Color(s)	N/A
TS 925 - W/	ATER, OIL, STAIN REPEL (RESIST) / RELEASE	
FABRIC	Development	¼ yard (any color)
KNITDOWN	Production	¼ yard (one color)
MATERIAL	Production Additional Color(s)	¼ yard (each additional color)
GARMENT	Pre-Production	N/A
GARIVIEIVI	Pre-Production Additional Color(s)	N/A
TS 930 - WI	CKING	
FABRIC	Development	½ yard (any color)
KNITDOWN	Production	½ yard (one color)
MATERIAL	Production Additional Color(s)	N/A
GARMENT	Pre-Production	N/A
GARIVIEIVI	Pre-Production Additional Color(s)	N/A
TS 935 - MC	DISTURE MANAGEMENT	
FABRIC	Development	½ yard (any color)
KNITDOWN	Production	½ yard (one color)
MATERIAL	Production Additional Color(s)	N/A
GARMENT	Pre-Production	N/A
GARIVIENT	Pre-Production Additional Color(s)	N/A
TS 937 – QI	JICK DRY	
FABRIC	Development	½ yard (any color)
KNITDOWN	Production	½ yard (one color)
MATERIAL	Production Additional Color(s)	½ yard (each additional color)
CARACAIT	Pre-Production	N/A
GARMENT	Pre-Production Additional Color(s)	N/A

PERFORMANCE – (900 series)		
TS 938 – FREEDRY COTTON/COTTON BLENDS (TREATED & UNTREATED)		
FABRIC KNITDOWN	Development	½ yard (any color)
MATERIAL	Production	½ yard (one color)
	Production Additional Color(s)	½ yard (each additional color)
TS's 940A W	VATER REPELLENCY (RESISTANCE)	
FABRIC	Development	3/4 yard (any color)
KNITDOWN	Production	3/4 yard (one color)
MATERIAL	Production Additional Color(s)	3/4 yard (each additional color)
TS's 940B, 9	940C, 940D, 940E, 940F- WATER REPELLENCY (	RESISTANCE)
FABRIC	Development	½ yard (any color)
KNITDOWN	Production	½ yard (one color)
MATERIAL	Production Additional Color(s)	½ yard (each additional color)
TS 945 - WA	ATER RESISTANCE (FOR CUSTOMS)	
FABRIC	Development	½ yard (any color)
KNITDOWN	Production	½ yard (one color)
MATERIAL	Production Additional Color(s)	½ yard (each additional color)
	Pre-Production	1 garment (one color/pattern)
GARMENT	Pre-Production Additional Color(s)	1 garment
		(each additional color/pattern)
TS 949 - WA	ATERPROOF	
FABRIC	Development	1 yard (any color)
KNITDOWN	Production	1 yard (one color)
MATERIAL	Production Additional Color(s)	N/A
	Pre-Production	1 garment (one color/pattern)
GARMENT	Pre-Production Additional Color(s)	1 garment
		(each additional color/pattern)
	EATHABLE (for waterproof/breathable fabrics EATHABLE (for non-waterproof/breathable fal	
FABRIC	Development	1 yard (any color)
KNITDOWN	Production	1 yard (one color)
MATERIAL	Production Additional Color(s)	N/A
TS 960A - W	/INDPROOF or TS 960B - WIND RESISTANT or 1	S 960C Air Permeability (WE Flux)
FABRIC	Development	½ yard (any color)
KNITDOWN	Pre-Production	½ yard (one color)

PERFORMANCE – (900 series)		
TS 961 Elec	trical Surface Resistivity of Fabrics (Anti-Static	)
<b>FABRIC</b>	<b>Development</b>	½ yard (any color)
KNITDOWN	Pre-Production	½ yard (one color)
<b>MATERIAL</b>	Pre-Production Additional Color(s)	N/A
TS 962 Ther	mal Transmittance of Textile Materials (clo) –	BV Shanghai only
FABRIC	<b>Development</b>	50cm x 50cm/3 pieces
<b>KNITDOWN</b>	Pre-Production	50cm x 50cm/3 pieces
<b>MATERIAL</b>	Pre-Production Additional Color(s)	N/A
TS 963 Ther	mal Regulation (Qmax)	
FABRIC	Development	2 yards (any color)
KNITDOWN	Pre-Production	2 yards (one color)
<b>MATERIAL</b>	Pre-Production Additional Color(s)	N/A
TS 970 - UL	TRAVIOLET PROTECTION FACTOR (UPF)	
FABRIC	Development	¼ yard (any color)
KNITDOWN	Production	¼ yard (one color)
MATERIAL	Production Additional Color(s)	¼ yard (each additional color)
TS 975 – IR-	FAR INFRARED	
FABRIC	Development	2 yards (any color)
KNITDOWN	Production	N/A
MATERIAL	Production Additional Color(s)	N/A
TS 980 - AN	TIMICROBIAL/ANTIBACTERIAL	
FABRIC	Development	½ yard (any color)
KNITDOWN	Production	½ yard (one color)
MATERIAL	Production Additional Color(s)	N/A
TS 981- Dec	odorizing	
FABRIC	Development	No capability
<b>KNITDOWN</b>	<u>Production</u>	<mark>No capability</mark>
MATERIAL	Production Additional Color(s)	N/A
TS 985 – OE	OOR CONTROL (BV-HK ONLY)	
FABRIC	Development	½ yard (any color)
KNITDOWN	Production	½ yard (one color)
MATERIAL	Production Additional Color(s)	N/A
TS 986-Coll	agen – Sensitive Skin	
<b>FABRIC</b>	Development	No capability
<b>KNITDOWN</b>	<b>Production</b>	<mark>No capability</mark>
<b>MATERIAL</b>	Production Additional Color(s)	N/A

PERFORMANCE – (900 series)  TS 987 – Protection against Free Radicals				
FABRIC Development No capability  KNITDOWN Production No capability  MATERIAL Production Additional Color(s)  No capability  N/A				
TS 990 - DO	Development	½ yard (any color)		
KNITDOWN MATERIAL	Production Production Additional Color(s)	½ yard (one color) N/A		
TS 995 - FIB	ERPROOF			
FABRIC	Development	½ yard (any color)		
KNITDOWN	Production	½ yard (one color)		
MATERIAL	Production Additional Color(s)	N/A		

# **Bureau Veritas Laboratory Documents**

# • Testing Charges-Adult Apparel Test Specifications

- o Package Prices listed below
- o Tests that are performed as applicable have additional charges
- o All prices are listed in US Dollars
- NOTE: All test submissions invoiced on or after April 16, 2018, will include a 6% reduction on top of current test costs.

BUREAU VERITAS				
APPARE	WOVENS vice will include 6% reduction on top of current test costs. L(101), OUTERWEAR (301), SWIMWEAR (401), AR/SLEEPWEAR/LINGERIE/LT WT NOVELTY (501)	ASIA	US	
FABRIC	Development Production Production Additional Color(s)	\$118	\$171	
KNITDOWN		\$189	\$274	
MATERIAL		\$50	\$75	
GARMENT	Pre-Preproduction Pre-Production Additional Color(s)	\$103	\$149	
GARMENT		\$58	\$87	
	WOVENS HEAVY WASH (101HW)	ASIA	US	
FABRIC	Development Production Production Additional Color(s)	\$133	\$193	
KNITDOWN		\$211	\$295	
MATERIAL		\$114	\$165	
GARMENT	Pre-Production Pre-Production Additional Color(s)	\$131	\$190	
GARMENT		\$57	\$86	
	ASIA	US		
FABRIC	Development Production Production Additional Color(s)	\$89	\$134	
KNITDOWN		\$101	\$146	
MATERIAL		N/A	N/A	
GARMENT	Pre-Preproduction	\$179	\$260	
GARMENT	Pre-Production Additional Color(s)	\$98	\$147	
WOVENS UNDERWEAR/SLEEPWEAR/LINGERIE/LT WT NOVELTY  GARMENT (501GD)		ASIA	US	
FABRIC	Development Production Production Additional Color(s)	\$68	\$102	
KNITDOWN		\$90	\$135	
MATERIAL		N/A	N/A	
GARMENT	Pre-Preproduction Pre-Production Additional Color(s)	\$188	\$273	
GARMENT		\$121	\$175	

	KNITS bice will include 6% reduction on top of current test costs. L (102), OUTERWEAR (302), SWIMWEAR (402), UNDERWEAR/SLEEPWEAR (502)	ASIA	US
FABRIC	Development	\$73	\$110
KNITDOWN	Production	\$183	\$265
MATERIAL	Production Additional Color(s)	\$50	\$75
GARMENT	Pre-Preproduction	\$103	\$149
GARMENT	Pre-Production Additional Color(s)	\$58	\$87
	KNITS GARMENT DYE (102GD)	ASIA	US
FABRIC	Development	\$46	\$69
KNITDOWN	Production	\$69	\$104
MATERIAL	Production Additional Color(s)	N/A	N/A
GARMENT	Pre-Preproduction	\$159	\$231
GARMENT	Pre-Production Additional Color(s)	\$129	\$187
KNITS SEAMLESS (102SL)		ASIA	US
TUBE	Pre-Production (Additional Colors)	\$72	\$108
	Pre-Production	\$201	\$281
GARMENT	Pre-Production (Additional Colors)	\$70	\$104
	LEATHER / SUEDE APPAREL (103), OUTERWEAR (303)	ASIA	US
Washable			
FABRIC	Development	\$61	\$92
KNITDOWN	Production	\$108	\$157
MATERIAL	Production Additional Color(s)	\$50	\$75
GARMENT	Pre-Preproduction	\$96	\$144
GARMENT	Pre-Production Additional Color(s)	\$58	\$87
Professional leat	her clean		
FABRIC	Development	\$156	\$226
KNITDOWN	Production	\$103	\$149
MATERIAL	Production Additional Color(s)	\$74	\$111
GARMENT	Pre-Preproduction	\$181	\$262
GARMENT	Pre-Production Additional Color(s)	\$127	\$184

*Note: Invo	SWEATER APPAREL (200)  pice will include 6% reduction on top of current test costs.	ASIA	US
FARRIC	Development		
FABRIC	Development Production	\$73 \$173	\$110 \$251
KNITDOWN MATERIAL	Production  Production Additional Color(s)	\$173	\$75
	··	·	
GARMENT	Pre-Preproduction	\$49	\$74
GARMENT	Pre-Production Additional Color(s)	\$103	\$149
GARMENT	Pre-Production Additional Color(s)	\$58	\$87
	TRIMS	ASIA	US
TS 800 -	Development	\$159	\$231
ZIPPERS	Production	\$173	\$251
ZIPPERS	Production Additional Color(s)	\$116	\$168
	Development	\$111	\$161
TS 805 - SNAPS	Production	\$125	\$181
	Production Additional Color(s)	\$88	\$132
TC 010	Development	\$121	\$175
TS 810 - BUTTONS	Production	\$140	\$203
BUTTONS	Production Additional Color(s)	\$97	\$146
TS 815 - CORD	Development	\$117	\$170
ENDS BUCKLES	Production	\$135	\$196
CORDSTOPS CORDLOCKS ZIPPER PULLS DECORATIVE OF FUNCTIONAL COMPONENTS		\$93	\$135
TS 820 -	Development	\$70	\$102
ELASTICS	Production	\$122	\$177
	Production Additional Color(s)	\$93	\$140
TS 825 -	Development	\$117	\$170
DRAWSTRINGS		\$135	\$196
CORDS TAPES PATCHES PIPING RIBBON & BRAID		\$108	\$157

*Note: Invoice	TRIMS e will include 6% reduction on top of current test costs.	ASIA	US
TS 825 -	Development	\$120	\$174
DRAWSTRINGS	Production	\$151	\$219
CORDS	Production Additional Color(s)	·	•
TAPES PATCHES	, ,		
PIPING RIBBON		\$108	\$157
& BRAID (If		\$100	\$157
spandex is			
present			
TS 830 -	Development	\$152	\$220
COLLARS	Production	\$164	\$238
CUFFS	Production Additional Color(s)		
PLACKET TRIM			
OTHER FABRIC		\$135	\$196
TRIM &		, , , ,	,
LEATHER/FAUX			
LEATHER TRIM		4100	4100
TS 835 - LINING	Development	\$133	\$193
POCKETING-	Production	\$194	\$281
with Abrasion	Production Additional Color(s)	Ć40	¢co.
(Fall/Holiday 2014 forward)		\$40	\$60
TS 835 - LINING	Development	\$118	\$177
POCKETING-	Production	\$179	\$260
without		\$179	\$260
Abrasion (up to	Production Additional Color(s)		
Spring/Summer		\$40	\$60
2014)		ψ.ισ	φοσ
TS 840 – BAFFLE	Development-840 & 841	\$122	\$177
TS 841 - BAFFLE	Production-840	\$141	\$356
for COLORED	Production-841	\$154	\$389
FABRICS	Production Additional Color(s)-840	\$30	\$45
17.511103	Production Additional Color(s)-841	\$133	\$200

*Note: Invoice	TRIMS e will include 6% reduction on top of current test costs.	ASIA	US
	Development: Laundering/Dry-cleaning Costs	\$60 \$22 \$141 \$109	\$90 \$34 \$204 \$158
TS 845 – LABELS/	Production: Laundering/Dry-cleaning Costs	\$109 \$71 \$189 \$157	\$158 \$107 \$274 \$228
SCREEN PRINTS, GRAPHIC PRINTS	Production (additional colors): Laundering/Dry-cleaning Costs  • 10 Launderings  • 1 Dry Cleaning  • 25 Laundering  • 10 Dry Cleaning	\$109 \$71 \$189 \$157	\$158 \$107 \$274 \$228

*Note: Invoice	TRIMS  *Note: Invoice will include 6% reduction on top of current test costs.			ASIA	US
	<ul><li>10 L</li><li>1 Dr</li><li>25 L</li><li>10 E</li></ul>	Laundering/Dry-cleaning Costs aunderings y Cleaning aundering Ory Cleaning	,	\$60 \$22 \$141 \$109	\$90 \$34 \$204 \$158
TS 846- LABELS/ HEAT TRANSFERS	<ul><li>10 L</li><li>1 Dr</li><li>25 L</li></ul>	Laundering/Dry-cleaning Costs aunderings y Cleaning aundering Dry Cleaning		\$118 \$80 \$198 \$166	\$171 \$120 \$287 \$241
	• 10 L • 1 Dr • 25 L	dditional colors): Ory-cleaning Costs aunderings y Cleaning aundering Ory Cleaning		\$118 \$80 \$198 \$166	\$171 \$120 \$287 \$241
*Note: Invoice		RIMS duction on top of current test costs.		ASIA	US
TS 850 – FAUX FUR	Development Production Production Ad	ditional Color(s)		\$88 \$163 \$150	\$132 \$236 \$218
	PERFORM	1ANCE		ASIA	US
TS #905 - DYE STAY COLORFASTNESS		GARMENT - Development GARMENT - Production GARMENT - Production Additional Color(s)		N/A \$189 \$189	N/A \$274 \$259
TS #910 – WRINKLE RESISTANCE -Seam appearance (after 5 & 20 launderings) garment onlyFabric smoothness (after 5 & 20 launderings)Crease retention (after 5 & 20 launderings) garment onlyAppearance (after 5 & 20 launderings).		FABRIC - Production  GARMENT - Production		\$181 \$194	\$254 \$281

PERFORM	<b>NANCE</b>	ASIA	US
	FABRIC - Development	\$126	\$242
TS #915 – WATERPROOF: Sealed	FABRIC - Production	\$126	\$242
Seams	Production Additional Color(s)	N/A	N/A
TS #916 – EXTENDED WASH	Development	\$112	N/A
DURABILITY: Welded, Glued,	Production	\$112	\$162
Overlay Components. Appearance (initial & after 10 launderings)	Production Additional Color(s)	N/A	N/A
TS #920 – WATER, OIL, STAIN	FABRIC - Development	\$109	\$203
REPELLENCY (Resistance).	FABRIC - Production	\$109	\$203
<ul><li>-Water Repellency [AATCC 193]</li><li>(initial &amp; 5 launderings).</li><li>-Oil Repellency (initial &amp; 5 launderings)</li></ul>	FABRIC - Production Additional Color(s)	\$109	\$203
TS #921 – OIL REPELLENCY	FABRIC - Development	\$75	\$140
-Oil Repellency (initial & 5	FABRIC - Production	\$75	\$140
launderings)	FABRIC - Production Additional Color(s)	\$75	\$140
TS #925 – WATER, OIL, STAIN	FABRIC - Development	\$153	\$277
REPEL (Resist)/ Release.	FABRIC - Production	\$153	\$277
<ul> <li>-Water Repellency [AATCC 193]</li> <li>(initial &amp; 5 launderings).</li> <li>-Oil Repellency (initial &amp; 5 launderings).</li> <li>-Soil Release (initial &amp; 5 launderings)</li> </ul>	FABRIC - Production Additional Color(s)	\$153	\$277
TS #930 – WICKING	FABRIC - Development	\$52	\$110
-Absorbency (initial)	FABRIC - Production	\$52	\$110
-Wicking (initial & after 5 launderings)	FABRIC - Production Additional Color(s)	N/A	N/A
	GARMENT -Development	Seamless Knits only: \$52	Seamless Knits only: \$110
	GARMENT -Production	Seamless Knits only: \$52	Seamless Knits only: \$110
	GARMENT -Production Additional Color(s)	N/A	N/A

PERFORMANCE *Note: Invoice will include 6% reduction on top of current test costs.		ASIA	US
TS #935 -MOISTURE	FABRIC - Development	\$239	\$335
MANAGEMENT	FABRIC - Production	\$239	\$335
<ul><li>–Absorbency (initial).</li><li>–Wicking (initial and after 5 launderings).</li><li>–Quick Dry (initial and after 3 launderings)</li></ul>	FABRIC - Production Additional Color(s)	N/A	N/A
	FABRIC - Development	\$212	\$297
TS #937 – QUICK DRY (initial and	FABRIC - Production	\$212	\$297
after 3 launderings)	FABRIC - Production Additional Color(s)	N/A	N/A
TS #938 – FREEDRY	FABRIC - Development	\$34	No capability
COTTON/COTTON BLENDS— (TREATED & UNTREATED)	FABRIC - Production	N/A	N/A
AATCC 199	FABRIC - Production Additional Color(s)	N/A	N/A
TC #0404 WATER REDELLENCY.	FABRIC - Development	\$35	\$84
TS #940A WATER REPELLENCY: Spray Test (WR) AATCC-22	FABRIC - Production	\$35	\$84
-Initial & after 3 launderings	FABRIC - Production	\$35	\$84
-initial & after 3 launderings	Additional Color(s)		
TS #940B WATER REPELLENCY:	FABRIC - Development	\$51	\$106
Spray Test (DWR) AATCC-22	FABRIC - Production	\$51	\$106
-Initial & after 5 launderings	FABRIC - Production Additional Color(s)	\$51	\$106
TC #040C WATER REPELLENCY.	FABRIC - Development	\$174	\$270
TS #940C WATER REPELLENCY:	FABRIC - Production	\$174	\$270
Spray Test (Super DWR)  AATCC-22	FABRIC - Production Additional Color(s)	\$174	\$270
-Initial, after 10 & after 20	FABRIC - Production	\$27 each	\$64 each
launderings	FABRIC - Production	package	package
TC #040D & 040E WATER	FARRIC Davidances	\$27 each	\$64 each
TS #940D & 940E WATER	FABRIC - Development	package	package
REPELLENCY: Spray Test (WR/DWR-Dry clean only	EARRIC Production	\$27 each	\$64 each
products) AATCC-22	FABRIC - Production	package	package
-Initial & after 1 dry clean	FABRIC - Production	\$27 each	\$64 each
made & dreet 1 dry clean	Additional Color(s)	package	package

PERFORN *Note: Invoice will include 6% reduc		ASIA	US
TS #940F WATER REPELLENCY:	FABRIC - Development	\$92	\$158
Spray Test (DWR Plus) AATCC-22	FABRIC - Production	\$92	\$158
-Initial & after 10 launderings	FABRIC - Production Additional Color(s)	\$92	\$158
	FABRIC -Development	\$46	\$78
	FABRIC -Production	\$46	\$78
TS #945 –WATER RESISTANCE; Rain Test (for Customs)	FABRIC -Production Additional Color(s)	\$46	\$78
AATCC-35	GARMENT -Development	N/A	N/A
-Initial	GARMENT -Production	\$46	\$78
	GARMENT -Production Additional Color(s)	\$46	\$78
TS #949 – WATERPROOF (JISL-1092)	FABRIC - Development	3 launderings\$64 10 launderings \$153	3 launderings\$96 10 launderings \$222
-Initial & after 3 launderings (3K, 5K & 10K)	FABRIC - Production	3 launderings\$64 10 launderings \$153	3 launderings\$96 10 launderings \$222
-Initial & 10 launderings (20K)	FABRIC - Production Additional Color(s)	3 launderings\$64 10 launderings \$153	3 launderings\$96 10 launderings \$222
TC #0F0 PDFATUABLE	FABRIC - Development	\$74	\$184
TS #950 – BREATHABLE (Laminated/Coated)	FABRIC - Production	\$74	\$184
-Initial	FABRIC - Production Additional Color(s)	N/A	N/A
TS #955 – BREATHABLE	FABRIC - Development	\$30	\$90
(Non-Laminated/Non-Coated)	FABRIC - Production	\$30	\$90
(ASTM-E96) -Initial	FABRIC - Production Additional Color(s)	N/A	N/A
TS #960A WINDPROOF & 960B	FABRIC - Development	\$111 each package	\$206 each package
WIND RESISTANT & 960C Air Permeability for Waterproof Fabrics (WE Flux) (ASTM D737) -Initial & after 5 launderings	FABRIC - Production	\$111 each package	\$206 each package
	FABRIC - Production Additional Color(s)	N/A	N/A
TS #961 ELECTRICAL SURFACE	FABRIC - Development	<mark>\$194</mark>	N/A
RESISTIVITY OF FABRICS	FABRIC - Production	<mark>\$194</mark>	N/A
(ANTI-STATIC) ASTM 76 -Initial & after 5 launderings	FABRIC - Production Additional Color(s)	N/A	N/A

PERFORM *Note: Invoice will include 6% reduce		ASIA	US
TS #962 THERMAL	FABRIC - Development	\$157	N/A
TRANSMITTANCE OF TEXTILE	FABRIC - Production	<mark>\$157</mark>	N/A
MATERIALS (CLO) ASTM 1518 OPT.1 -BV Shanghai only -Initial	FABRIC - Production Additional Color(s)	N/A	N/A
TS #963 THERMAL	FABRIC - Development	<mark>\$114</mark>	N/A
REGULATIONS (Qmax)	FABRIC - Production	<mark>\$114</mark>	N/A
FTTS-FA-019 -Initial	FABRIC - Production Additional Color(s)	N/A	N/A
TS #970 ULTRAVIOLET	FABRIC - Development	\$303	\$420
PROTECTION FACTOR (UPF)	FABRIC - Production	\$303	\$420
-ASTM D6603-Labeling Guide -ASTMD6544-Preparation -ASTM 183-Test Procedure	FABRIC - Production Additional Color(s)	N/A	N/A
	FABRIC - Development	\$900	N/A
TS #975 IR-FAR INFRARED	FABRIC - Production	N/A	N/A
-FTTS-FA-010	FABRIC - Production Additional Color(s)	N/A	N/A
TS #980 ANTIMICROBIAL/	FABRIC - Development	\$65	\$95
ANTIBACTERIAL –AATCC 147 at	FABRIC - Production	\$65	\$95
Initial State	FABRIC - Production Additional Color(s)	N/A	N/A
TS #980 ANTIMICROBIAL/	FABRIC - Development	\$120	\$168
ANTIBACTERIAL –AATCC 100 at	FABRIC - Production	\$120	\$168
Initial State	FABRIC - Production Additional Color(s)	N/A	N/A
TS #980 ANTIMICROBIAL/	FABRIC - Development	\$100	\$140
ANTIBACTERIAL – ASTM E2149	FABRIC - Production	\$100	\$140
at Initial State	FABRIC - Production Additional Color(s)	N/A	N/A
TS #980 ANTIMICROBIAL/ ANTIBACTERIAL –AATCC 147 at	FABRIC - Development	\$232	\$325
Initial State & x20 Home Laundering	FABRIC - Production	\$232	\$325
Laundening	FABRIC - Production Additional Color(s)	N/A	N/A

PERFORMANCE *Note: Invoice will include 6% reduction on top of current test costs.		ASIA	US
TS #980 ANTIMICROBIAL/	FABRIC - Development	\$333	\$466
ANTIBACTERIAL -AATCC 100 at Initial State & x20 Home	FABRIC - Production	\$333	\$466
Laundering	FABRIC - Production Additional Color(s)	N/A	N/A
TS #980 ANTIMICROBIAL/	FABRIC - Development	\$295	\$413
ANTIBACTERIAL -ASTM E2149 at Initial State & x20 Home	FABRIC - Production	\$295	\$413
Laundering	FABRIC - Production Additional Color(s)	N/A	N/A
	FABRIC - Development	No capability	No capability
TS #981 DEODORIZING- Initial	FABRIC - Production	No capability	No capability
To Hood Deposition in the	FABRIC - Production Additional Color(s)	No capability	No capability
TS #985 ODOR CONTROL ODOR CONTROL (BV-HK ONLY)	FABRIC - Development	Initial: \$694 per test After 3 cycles: \$728 per test Initial and after 3 cycles: \$1422	No capability
	FABRIC - Production	Initial: \$694 per test After 3 cycles: \$728 per test Initial and after 3 cycles: \$1422	No capability
	FABRIC - Production Additional Color(s)	N/A	N/A
	GARMENT -Development	Seamless knits only: Initial: \$434 per test; 3 cycles of AATCC 61: \$21 Initial & after 3 cycles of AATCC 61: \$889	No Capability
	GARMENT -Production	Seamless knits only: Initial: \$434 per test; 3 cycles of AATCC 61: \$21 Initial & after 3 cycles of AATCC 61: \$889	No Capability
	GARMENT -Production Additional Color(s)	N/A	N/A

PERFORM *Note: Invoice will include 6% reduce	ASIA	US	
TS #986 COLLAGEN-SENSITIVE SKIN Initial	FABRIC - Development FABRIC - Production FABRIC - Production Additional Color(s)	No capability No capability No capability	No capability No capability No capability
TS #987 PROTECTION AGAINST FREE RADICALS Initial	FABRIC - Development  FABRIC - Production	No capability  No capability	No capability  No capability
	FABRIC - Production Additional Color(s)	No capability	No capability
TS #990 DOWNPROOF (BV Shanghai & Hong Kong only)	FABRIC - Development FABRIC - Production	\$332 \$332	\$332 \$332
-International Rotating Box (650 & 800 Fill Power) Initial & after 3 launderings -Air Permeability (Initial & after 3 launderings)	FABRIC - Production Additional Color(s)	\$332	\$332
	FABRIC - Development	\$117	\$306
TS #995 FIBERPROOF	FABRIC - Production	\$117	\$306
-Air Permeability	FABRIC - Production Additional Color(s)	\$117	\$306

# **BV INDEPENDENT LAB INDIVIDUAL TEST COSTING:**

*Note: Invoice will include 6% reduction on top of current test costs.  *Note: Invoice will include 6% reduction on top of current test costs.  *Note: Invoice will include 6% reduction on top of current test costs.  *Note: Invoice will include 6% reduction on top of current test costs.  *Note: Invoice will include 6% reduction on top of current test costs.  *Note: Invoice will include 6% reduction on top of current test costs.  Indonesia, Philippines, India, Turkey, Shanghai  USA, Europe, Japan  USA, Europe, Japan  USA, Europe, Japan  *Individual Turkey, Shanghai  Additional Charges to the package prices are in bold letters in shaded areas.  Additional Charges  *Note: Invoice will include 6% reduction on top of current test costs.  Indonesia, Philippines, India, Turkey, Shanghai  USA, Europe, Japan  Additional Charges to Test Packages  *Test Charges  *Additional Charges  *Test Charges  *Additional Colorway  Additional Colorway  *Additional Colorway  Additional Colorway  Additional Colorway  Additional Colorway	Turn-around Time:		LINDLINI LAD INDIV				
Express Service: 3 working days at 40% Surcharge. Emergency Service: Next day at 100% Surcharge. From the part of the package prices are in bold letters in shaded areas.    Additional Charges to the package prices are in bold letters in shaded areas.   Additional Charges to Test Packages   Additional Colorway (Color Test Only) \$40.00   Additional Colorway (Color Test Only) \$36.00   Additional Colorway (Color Test Only) \$40.00   Additional Colorway (Color Test Only) \$36.00   Additional Colorway (Color Test Only) \$40.00   Additional Colorway (Color Test Only) \$50.00   A.50   Additional Colorway (Color Test Only) \$40.00   A.50   Additional Colorway (Color Test Only) \$40.00   A.50		U. S Dollars (\$)					
working days at 40% Surcharge. Emergency Service: Next day at 100% Surcharge.  575.00 Minimum Charge per Test Report for Americas and Europe, \$35.00 Minimum Charge per Test Report for China, HK, India and Other Asia Additional Charges to the package prices are in bold letters in shaded areas.  TEST Additional Colorway (Color Test Only) \$40.00 Additional Colorway (Color Test Only) \$36.00  Fabric Weight / Yield 10.00 9.00 16.00 Additional Color Test Only) \$36.00  Fabric Type / Weave 5.00 4.50 10.00  Thread Count 5.00 4.50 3.50 10.00 8.00  Thread Count 5.00 7.00 9.00 6.00 20.00 15.00	<u> </u>	*No	on top of curre	nt test costs.			
A0% Surcharge.   Emergency   Service: Next day at 100%   Surcharge.   Service: Next day at 100%   Surcharge.   Service: Next day at 100%   Surcharge.   S75.00 Minimum   Charge per Test Report for Americas and Europe, \$35.00   Minimum Charge per Test Report for China, HK, India and Other Asia   Additional Charges to Test Packages   Individual Test Charges to Test Packages   Test							
Emergency Service: Next day at 100% Surcharge.  \$75.00 Minimum Charge per Test Report for Americas and Europe, \$35.00 Minimum Charge per Test Report for China, HK, India and Other Asia  Additional charges to the package prices are in bold letters in shaded areas.  ### Additional Colorway (Color Test Only) \$40.00  ### Additional Colorway (Color							
Service: Next day at 100%   Surcharge.	_						
at 100% Surcharge.  575.00 Minimum Charge per Test Report for Americas and Europe, \$35.00 Minimum Charge per Test Report for China, HR, India and Other Asia  Additional Charges to the package prices are in bold letters in shaded areas.  Additional Colorway (Color Test Only) \$40.00  Fabric Weight / Yield  Thread Count  5.00  Additional Charges  Tisch Chorges  Additional Colorway (Color Test Only) \$4.50  Thread Count  5.00  A.50							
Surcharge.    S75.00 Minimum Charge per Test Report for Americas and Europe, \$35.00 Minimum Charge per Test Report for China, HK, India and Other Asia Additional Charges to the package prices are in bold letters in shaded areas.    TEST   Additional Colorway (Color Test Only) \$40.00   Additional Colorway (Color Test Only) \$36.00     Fabric Weight / Yield   10.00   9.00   4.50   10.00     Fabric Type / Weave   5.00   4.00   4.50   3.50   10.00     Timed Count   5.00   4.50   3.50   10.00     Thickness   5.00   4.00   4.50   3.50   10.00     Garment Construction (Bleached, Denims, Indigos)   15.00   15.00     Total Color Test Only (Color Test Only) (Colo	•						
Section							
Charge per Test Report for Americas and Europe, 335.00 Minimum Charge per Test Report for China, HK, India and Other Asia  Additional charges to the package prices are in bold letters in shaded areas.  TEST  Additional Colorway (Color Test Only) \$40.00  Fabric Weight / Yield  Fabric Type / Weave  Thread Count  5.00  Thread Count  5.00  Thread Count  Test  15.00 / 5.00  Thickness  5.00  Alian Mexico, Dominican Republic  Individual Additional Charges to Test Packages  Charges  Charges  Charges  Test Packages  Additional Colorway (Color Test Only) \$36.00  Additional Colorway (Color Test Only) \$36.00  Thread Count  Test Tour additional Colorway (Color Test Only) \$36.00  Thread Count							
Report for Americas and Europe, \$35.00 Minimum Charge per Test Report for China, HK, India and Other Asia  Additional charges to the package prices are in bold letters in shaded areas.  TEST  Additional Colorway (Color Test Only) \$40.00  Fabric Weight / Yield  Fabric Type / Weave  Thread Count  5.00  Additional Colorway (Color Test Only) \$40.00  Thread Count  5.00  Additional Colorway (Color Test Only) \$40.00  Thread Count  5.00  Additional Colorway (Color Test Only) \$50.00  Thread Count  5.00  Additional Colorway (Color Test Only) \$50.00  Thread Count  5.00  Aus (Color Test Only) \$50.00  Thread Count  5.00  Additional Charges to Test Packages  Additional Charges to Test Packages  Additional Colorway (Color Test Only) \$50.00  Additional Charges to Test Packages  Additional Colorway (Color Test Only) \$50.00  Additional Charges to Test Packages  Additional	•	Asia, Mexico, Do			USA, Europe, Japan		
Americas and Europe, \$35.00 Minimum Charge per Test Report for China, HK, India and Other Asia  Additional Charges to the package prices are in bold letters in shaded areas.  TEST  Additional Colorway (Color Test Only) \$40.00  Fabric Weight / Yield  Fabric Type / Weave  Thread Count  Thread Coun			·	India, Turk	ey, Snangnai	, , , ,	
Europe, \$35.00 Minimum Charge per Test Report for China, HK, India and Other Asia  Additional charges to the package prices are in bold letters in shaded areas.  TEST  Additional Colorway (Color Test Only) \$40.00  Fabric Weight / Yield  Fabric Type / Weave  Thread Count  Timed							
Minimum Charge per Test Report for China, HK, India and Other Asia  Additional charges to the package prices are in bold letters in shaded areas.  TEST  Additional Colorway (Color Test Only) \$40.00  Fabric Weight / Yield  Fabric Type / Weave  Thread Count  Touch of the Action of Structure  Tickness  Tickness  Tickness  Tickness  Tickness  Tickness  Additional Colorway (Color Test Only) \$40.00  Additional Colorway (Color Test Only) \$36.00  Additional Colorway (Color Test Only) \$36.00  Additional Colorway (Color Test Only) \$36.00  Additional Colorway (Color Test Only) \$50.00  Additional Colorway (Color Test Only) \$36.00  Tickness  Tickness  Tickness  Test Packages  Additional Colorway (Color Test Only) \$50.00  Additional Colorway (Color Test Only) \$50.00  Tickness  Ti							
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Additional charges to the package prices are in bold letters in shaded areas.  TEST  Additional Colorway (Color Test Only) \$40.00  Fabric Weight / Yield  Thread Count  Thickness  Thread Count  Thread Count  Thickness  Thread Count  Thread Count  Thickness  Thread Count  Thr	_						
Additional charges to the package prices are in bold letters in shaded areas.  Additional Colorway (Color Test Only) \$40.00  Fabric Weight / Yield  Thread Count  Thickness  5.00  Additional Colorway (Color Test Only)  Thickness  5.00  August Additional Colorway (Color Test Only) \$40.00  Additional Colorway (Color Test Only) \$50.00  Thickness  5.00  4.50  10.00  10.00  Thickness  5.00  4.50  10.00  13.50 / 26.00 / 4.50  Thickness  5.00  4.50  3.50  10.00  8.00  Garment  Charges to Test Charges  Test Ch	· ·						
Additional charges to the package prices are in bold letters in shaded areas.       Individual Test Charges to Test Packages       Additional Charges to Test Packages       Individual Test Charges to Test Packages       Additional Colorway (Color Test Only) \$40.00       Additional Colorway (Color Test Only) \$50.00       Additional Colorway (Color Test							
to the package prices are in bold letters in shaded areas.    TEST   Additional Colorway (Color Test Only) \$40.00   Additional Charges to Test Packages   Charges to Test Only) \$36.00   Additional Colorway (Color Test Only) \$50.00   A.50   Additional Colorway (Color Test Only) \$50.00   A.50							
Description	_		Additional	Individual		Individual	
Letters in shaded areas.	-		Charges	Test	_	Test	_
TEST	-	Charges	•	Charges		Charges	
TEST   Additional Colorway (Color Test Only) \$40.00   (Color Test Only) \$50.00	areas.		· ·		Packages		Packages
Yield         10.00         9.00         16.00           Fabric Type / Weave         5.00         4.50         10.00           Thread Count         5.00         4.50         10.00           Yarn Size / Yarn Structure         15.00 / 5.00         13.50 / 4.50         26.00 / 10.00           Thickness         5.00         4.00         4.50         3.50         10.00         8.00           Garment Construction/ Workmanship - Visual         15.00         13.50         20.00         20.00         15.00	TEST	-		(Color Test Only)		Additional Colorway (Color Test Only) \$50.00	
Weave         5.00         4.50         10.00           Thread Count         5.00         4.50         10.00           Yarn Size / Yarn Structure         15.00 / 5.00         26.00 / 4.50         26.00 / 10.00           Structure         5.00         4.00         4.50         3.50         10.00         8.00           Garment Construction/ Workmanship - Visual         15.00         13.50         20.00         20.00         20.00         15.00         15.00         Denims, Indigos)         15.00	_	10.00		9.00		16.00	
Yarn Size / Yarn Structure         15.00 / 5.00         13.50 / 4.50         26.00 / 10.00           Thickness         5.00         4.00         4.50         3.50         10.00         8.00           Garment Construction/ Workmanship - Visual         15.00         13.50         20.00         20.00         13.50         20.00         15.00         <		5.00		4.50		10.00	
Structure         15.00 / 5.00         4.50         10.00           Thickness         5.00         4.00         4.50         3.50         10.00         8.00           Garment Construction/ Workmanship - Visual         15.00         13.50         20.00         20.00           Chlorine Retention (Bleached, Denims, Indigos)         10.00         7.00         9.00         6.00         20.00         15.00	Thread Count	5.00		4.50		10.00	
Structure	Yarn Size / Yarn	15.00 / 5.00		13.50 /		26.00 /	
Garment   Construction/   Workmanship - Visual   Chlorine Retention (Bleached, Denims, Indigos)   15.00   7.00   9.00   6.00   20.00   15.00	Structure	13.00 / 3.00		4.50		10.00	
Construction/   Workmanship - Visual   13.50   20.00	Thickness	5.00	4.00	4.50	3.50	10.00	8.00
(Bleached, 10.00 7.00 9.00 6.00 20.00 15.00 Denims, Indigos)	Construction/ Workmanship -	15.00		13.50		20.00	
pH 15.00 10.00 13.50 8.00 30.00 20.00	(Bleached,	10.00	7.00	9.00	6.00	20.00	15.00
	рН	15.00	10.00	13.50	8.00	30.00	20.00
Fiber Contents,         15.00/Fiber         13.00/ Fiber         13.50/ Fiber         12.00/ Fiber         45.00/ Fiber         40.00/ Fiber		15.00/Fiber	13.00/ Fiber	,	-	-	-

U. S Dollars (\$)						
*Note: Invoice will include 6% reduction on top of current test costs.						
Indonesia, Philippines,		USA, Europe, Japan				
, Snangnai						
Additional		Additional				
	Individual	Charges to				
•	Test	Test				
	Charges	Packages				
Таскавсэ		1 ackages				
Additional Colorway (Color Test Only) \$36.00		Additional Colorway (Color Test Only) \$50.00				
nly) \$36.00	(Color Test	Only) \$50.00				
70.00	195.00	195.00				
	1 Fiber	1 Fiber				
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22.50	35.00					
	Additional Charges to Test Packages Colorway (nly) \$36.00  70.00 1 Fiber 55.00 Each Add'l 39.00 1 Fiber 12.00 Each Add'l Fiber 97.00 1 Fiber 55.00	Additional Charges to Test Packages  Colorway nly) \$36.00  1 Fiber 55.00 Each Add'l 39.00 1 Fiber 12.00 Each Add'l Fiber 45.00 Each Add'l Fiber 97.00 1 Fiber 55.00 Each Add'l Fiber 60.00 Each Add'l Fiber 45.00 Each Add'l Fiber 60.00 Each Add'l Fiber 45.00 Each Add'l Fiber 60.00 Each Add'l Add'l Fiber 60.00 Each Add'l Add'l				

Turn-around Time: 5 working days. Express Service: 3	U. S Dollars (\$)  *Note: Invoice will include 6% reduction on top of current test costs.						
working days at 40% Surcharge. Emergency Service: Next day at 100% Surcharge. \$75.00 Minimum Charge per Test Report for Americas and Europe, \$35.00 Minimum Charge per Test Report for China, HK, India and Other Asia	Asia, Mexico, Dominican Republic		Indonesia, Philippines, India, Turkey, Shanghai		USA, Europe, Japan		
Additional charges to the package prices are in bold letters in shaded areas.	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additiona I Charges to Test Packages	
TEST		itional Colorway Additional Colorway Test Only) \$40.00 (Color Test Only) \$36.00		Additional Colorway (Color Test Only) \$50.00			
Tear Strength (Length / Width)	15.00	25.00	13.50	22.50	30.00	30.00	
After 1 Dry Cleanings - Rayons & Acetates		Tensile & Tear		Tensile & Tear		Tensile & Tear	
Tensile Strength (Length / Width)	20.00		18.00		30.00		
After 1 Dry Cleanings - Rayons & Acetates							
Seam Slippage	25.00	15.00	22.50	20.50	35.00	25.00	
Seam Strength	8.00/Seam		7.20/Seam		15.00/Seam		
Bursting Strength	20.00		18.00		25.00		
Seam Stretchability	8.00/Seam		7.20/Seam		15.00/Seam		
Head/Neck Opening Extension							
Abrasion Resistance ASTM D3886	20.00	10.00	18.00	16.50	30.00	15.00	
Static Extension Stretch Fabrics	25.00	18.00	22.50	15.00	40.00	30.00	
Air Permeability	30.00	30.00	27.00	27.00	75.00	40.00	

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working days at 40% Surcharge. Emergency Service: Next day at 100% Surcharge.  \$75.00 Minimum Charge per Test Report for Americas and Europe, \$35.00 Minimum Charge per Test Report for China, HK, India and Other Asia	Asia, Mexico, Dominican Republic		Indonesia, Philippines, India, Turkey, Shanghai		USA, Europe, Japan		
Additional charges to the package prices are in bold letters in shaded areas.	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages	
TEST	Additional (Color Test C	-	Additional Colorway (Color Test Only) \$36.00		Additional Colorway (Color Test Only) \$50.00		
Wickability	40.00		36.00		70.00		
Oil Repellency: Initial & After 5 Washes	75.00		63.00		140.00		
Button Impact Resistance	15.00		13.50		30.00		
Button/Snap Testing - Attachment Strength	20.00		18.00		35.00		
Button Size/Weight							
Button Testing - Cold Crack							
Dimensional Stability: 3 Washes / 5 Washes	25.00 / 40.00		22.50 / 36.00		50.00 / 65.00		
Downproof (Initial)	55.00		55.00		120.00		

Turn-around Time: 5 working days. Express Service: 3	U. S Dollars (\$)  *Note: Invoice will include 6% reduction on top of current test costs.						
working days at 40% Surcharge. Emergency Service: Next day at 100% Surcharge. \$75.00 Minimum Charge per Test Report for Americas and Europe, \$35.00 Minimum Charge per Test Report for China, HK, India and Other Asia	Asia, Mexico Repu	•		Philippines, ey, Shanghai	USA, Europe, Japan		
Additional charges to the package prices are in bold letters in shaded areas.	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages	
TEST	Additional (Color Test C	-	Additional Colorway (Color Test Only) \$36.00		Additional Colorway (Color Test Only) \$50.00		
1 Dry cleanings/ 3 Dry cleanings- (Commercial)	45.00 / 65.00		40.50 / 58.50		65.00 / 85.00		
Bonded Knit Fabrics- After 5 Washes Dimensional Stability, Bond Strength	40.00/20.00	40.00	36.00/ 18.00	36.00	65.00/30.00	60.00	
Wrinkle-Free Appearance (5 Washes)-Fabric/seam/ crease	25.00 Garment/ 25.00 Fabric	20.00	22.50 Garment/ 22.50 Fabric	18.00	45.00 Garment/ 40.00 Fabric	30.00	
Effects of Home Washing (3 / 5 Washes) Effects of Dry Cleaning 1 Cycles	20.00 / 35.00 40.00		18.00 / 31.50 36.00		40.00 / 55.00 55.00		
Elastomeric Pilling (Pile Retention)	20.00		18.00		30.00		
Random Tumble Pilling	20.00		18.00		35.00		
ICI Pilling	20.00		18.00		102.00		

Turn-around Time: 5 working days.	U. S Dollars (\$)  *Note: Invoice will include 6% reduction on top of current test costs.						
Express Service: 3 working days at 40% Surcharge. Emergency Service: Next day at 100% Surcharge. \$75.00 Minimum Charge per Test Report for Americas and Europe, \$35.00 Minimum Charge per Test Report for China, HK, India and Other Asia	Asia, Mexico Repu	-	Indonesia, Philippines, India, Turkey, Shanghai		USA, Europe, Japan		
Additional charges to the package prices are in bold letters in shaded areas.	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages	
TEST	Additional (Color Test C	-	Additional Colorway (Color Test Only) \$36.00		Additional Colorway (Color Test Only) \$50.00		
Twist Per Inch (TPI)	15.00		13.50		35.00		
Rain Test Original/After 3 Wash or Dry Clean	46.00/62.00		50.00/67.00		78.00/112.00		
Skewness Change- Twills & Denims Only	25.00		22.50		30.00		
Garment Twist (Initial)	13.00		12.00		13.60		
Garment Twist (after x3HL)	37.00		33.30		73.60		
Horizontal Displacement (Initial)	15.00		13.50		73.60		
Horizontal Displacement (x3HL)	39.00		35.10		107.20		
Colorfastness To Crocking (Dry / Wet)	10.00		9.00		15.00		
Colorfastness To Light - 20 Hours AFU	20.00	10.00	18.00	9.00	25.00	15.00	

Turn-around Time: 5 working days. Express Service: 3	U. S Dollars (\$)  *Note: Invoice will include 6% reduction on top of current test costs.					
working days at 40% Surcharge. Emergency Service: Next day at 100% Surcharge. \$75.00 Minimum Charge per Test Report for Americas and Europe, \$35.00 Minimum Charge per Test Report for China, HK, India and Other Asia	Asia, Mexico Repu			Philippines, ey, Shanghai	USA, Europ	e, Japan
Additional charges to the package prices are in bold letters in shaded areas.	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages
TEST	Additional (Color Test C	-		l Colorway Only) \$36.00	Additional (Color Test O	-
Colorfastness To Light - 40 Hours AFU	40.00		36.00		50.00	
Colorfastness To Sea Water	10.00		9.00		20.00	
Colorfastness To Ozone-1 Cycle-Bleached, Denim, Indigo	20.00	15.00	18.00	13.50	35.00	20.00
Colorfastness to Burnt Gas Fumes-Acetates or Bleached	20.00	15.00	18.00	13.50	35.00	20.00
Colorfastness To Chlorinated Pool Water	15.00		13.50		20.00	
Colorfastness To Water (Static Wetting)	10.00		9.00		20.00	
Colorfastness To Perspiration	10.00		9.00		20.00	
Colorfastness To Cross Staining	10.00		9.00		20.00	

Turn-around Time: 5 working days. Express Service: 3	U. S Dollars (\$)  *Note: Invoice will include 6% reduction on top of current test costs.					
working days at 40% Surcharge. Emergency Service: Next day at 100% Surcharge. \$75.00 Minimum Charge per Test Report for Americas and Europe, \$35.00 Minimum Charge per Test Report for China, HK, India and Other Asia	Asia, Mexico Repu			Philippines, ey, Shanghai	USA, Europ	oe, Japan
Additional charges to the package prices are in bold letters in shaded areas.	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages
TEST	Additional (Color Test C			l Colorway Only) \$36.00	Additional (Color Test O	
Colorfastness To Repeated Home Launderings	20.00		18.00		25.00	
Colorfastness To Accelerated Laundering AATCC 61	10.00	10.00	9.00	9.00	20.00	20.00
Colorfastness To Dry Cleaning	20.00		18.00		25.00	
Colorfastness to Chlorine Bleach	10.00		9.00		15.00	
Colorfastness to Non-Chlorine Bleach	10.00		9.00		15.00	
Flammability- General US Apparel (16 CFR Part 1610)	45.00	30.00	40.50	27.00	75.00	40.00
Flammability- General Canada Textile Flammability Regulations SOR/2016-194, CAN/CGSB 4.2 no. 27.5-2008	47.00		47.00		90.00	

Turn-around Time: 5 working days. Express Service: 3	U. S Dollars (\$) *Note: Invoice will include 6% reduction on top of current test costs.					
working days at 40% Surcharge. Emergency Service: Next day at 100% Surcharge. \$75.00 Minimum Charge per Test Report for Americas and Europe, \$35.00 Minimum Charge per Test Report for China, HK, India and Other Asia	Asia, Mexico, Repu		Indonesia, P India, Turkey		USA, Europ	e, Japan
Additional charges to the package prices are in bold letters in shaded areas.	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages
TEST	Additional (Color Test O	-	Additional (Color Test O	-	Additional ( (Color Test O	
Flammability- Children's Sleepwear (Excludes 50 Washes) (16 CFR Part 1615/1616)	75.00		75.00		85.00	
Analysis of Banned AZO Dyes	65.00		58.50		105.00	
Nickel Spot / Nickel Release	10.00 / 60.00		9.00 / 54.00		20.00 / 75.00	
Nickel Release (By simulation of wear & corrosion)	75.00		67.50		95.00	
Lead Content CPSC/ASTM D 3335	30.00		27.00		50.00/Color	
Formaldehyde Detection - Spot (MTL Method)	10.00		9.00		25.00	
-Complete (JIS 1041)	45.00		40.50		75.00	
Water Repellency (AATCC 22) (As Received)	15.00	12.00	13.50	11.00	25.00	20.00

Turn-around Time: 5 working days. Express Service: 3	U. S Dollars (\$)  *Note: Invoice will include 6% reduction on top of current test costs.					
working days at 40% Surcharge. Emergency Service: Next day at 100% Surcharge. \$75.00 Minimum Charge per Test Report for Americas and Europe, \$35.00 Minimum Charge per Test Report for China, HK, India and Other Asia	Asia, Mexico, Repu		Indonesia, I India, Turke		USA, Europ	oe, Japan
Additional charges to the package prices are in bold letters in shaded areas.	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages
TEST	Additional (Color Test O	-	Additional (Color Test C	-	Additional (Color Test O	
DuPont Water Drop Test (As Received)	12.00	10.00	11.00	9.00	20.00	15.00
Absorbency (AATCC 79) (As Received)	12.00	10.00	11.00	9.00	40.00	35.00
Waterproof Breathable (ASTM D751) (As Received)	50.00	50.00	45.00	45.00	110.00	110.00
Anti-pilling (ASTM D3512)	15.00	12.00	13.50	11.00	35.00	30.00
CF to Dye Transfer (AATCC 163)	14.00		14.00		46.00	
Soil Release (AATCC 130)	20.00	18.00	18.00	16.00	\$50.00	\$40.00
Snagging Resistance(ASTM D3939)	29.00 (for one side only)	27.00 (for one side only)	26.00 (for one side only)	24.00 (for one side only)	64.00	60.00
Snagging Resistance(ASTM D5362)	38.00	36.00	34.00	32.00	64.00	60.00
Stretch Test – Heat Transfers	245.00	243.00	221.00	219.00	370.00	366.00
Shear & Peel Strength for Hook & Loop	65.00	63.00	59.00	57.00	92.00	88.00

## • Testing charges/ sample submitting quantities-Children's Protocols

- Children's protocols are assigned by EBQA-US. Please only submit for testing after checking the Tech Spec or with an EBQA rep for the protocol number.
- Testing on fabric, garment, trim, and additional colors may be submitted.
- Please note pricing and number of samples are based on basic test package. This is subject to change depending on garment style. Please contact your local Bureau
   Veritas lab for a price quote. Turnaround time is also subject to change depending on lab capabilities.
- NOTE: All test submissions invoiced on or after April 16, 2018, will include a 6% reduction on top of current test costs.

	Bureau Verit	tas Children's Pricin	g
PROTOCOL NAME	BASIC Package Price for Fabric \$ US/\$ ASIA	BASIC Package Price Additional Colorway \$ US/\$ ASIA	BASIC Package Price for Garment or End Use \$ US/\$ ASIA
Lunch Bag/Sack/Backpack	n/a	n/a	Backpack: 800/640 Lunch sack: 660/530
Children's Outerwear	372/266	178/119	289/206
Knit/Woven Hats, Gloves, Scarves- Children	n/a	n/a	Knit Hats/Gloves: 443/302 Woven Hats/Gloves: 417/298
Children's Product (Non-Toy)	n/a	n/a	225/76
Children's Woven Apparel- Tops/Bottoms	363/259	191/132	198/136
Children's Knit Apparel- Tops/Bottoms	283/202	146/97	191/132
Children's Swimwear	395/282	141/94	202/139
Children's Footwear	n/a	n/a	474/339
Children's Tents	n/a	n/a	863/690
Children's Sleeping Bags	n/a	n/a	247/170
Supplemental CPSIA Requirements (Lead)	n/a	n/a	79/32
Toys	n/a	n/a	452/203
Children's Trim	n/a	n/a	81/54

	Bureau Ver	itas Children's P	rotocols	
PROTOCOL NAME	PROTOCOL NUMBER	No. of SAMPLES	No. of Yards for Fabric Testing if applicable	Testing Turn Around Time (days)
Lunch Bag/Sack/Backpack	2069	3	2 yds	5
Children's Outerwear	0305.02	6	2 yds	7
Knit/Woven Hats, Gloves, Scarves- Children	2013.02	7	n/a	7
Children's Product (Non-Toy)	8001	3	n/a	5
Children's Woven Apparel- Tops/Bottoms	0299	6	2 yds	5
Children's Knit Apparel- Tops/Bottoms	0298	6	2 yds	5
Children's Swimwear	0871	6	2 yds	5
Children's Footwear	9211	3	2 yds	7
Children's Tents	8505	3	2 yds	7
Children's Sleeping Bags	8515	3	2 yds	7
Supplemental CPSIA Requirements (Lead)	8444	6	n/a	7
Toys	8000	6	n/a	5
Children's Trim	0700	50 pieces/4yds	n/a	5

# **Testing Turn-Around Time**

• Normal Service: 5 business days

• Express Service: 3 business days (40% surcharge)

• Priority Service: 24 hours (100% surcharge)

#### **EXCEPTIONS:**

1. Special Fiber (Microscopic): e.g. Cashmere, Lamb's Wool Blend:

TAT: Around 7 working days

2. Antibacterial Activity Assessment: AATCC 147:

TAT: Around 8 working days

3. Electrical Surface Resistivity of Fabrics (Anti-Static):

TAT: Regular (5 days) & Urgent (3 days) available. No Emergency Service.

4. Thermal Transmittance of Textile Materials (clo):

**TAT: 4 working days** 

5. Thermal Regulation (Qmax):

TAT: 10 working days

6. UPF (Ultra Violet Protection Factor): ASTM D6603, ASTM D6544, AATCC 183

TAT: 14 working days

7. Wrinkle Resistance: (For 20 Launderings)

TAT: 8 working days

8. Bond Strength: AATCC 136 in Spec # 915 (For 20 Launderings)

TAT: 7 working days

9. Water Resistant: JIS L 1092 – A (Hydrophilic) and B (Hydrophobic)

TAT: 12 working days

10. Water Vapor Permeability: JIS L 1099 - A1, B1

TAT: 9 working days



**BUREAU VERITAS** 

LAB LOCATIONS

http://www.bureauveritas.com/home/about-us/our-business/cps/contact-us/our-locations/



Intertek Lab Location:

http://www.intertek.com/contact

Select Region:

North & South America (<a href="https://www.intertek.com/contact/americas/northandsouthamerica/">https://www.intertek.com/contact/americas/northandsouthamerica/</a> Europe, the Middle East and Africa (<a href="https://www.intertek.com/contact/ema/">https://www.intertek.com/contact/ema/</a> Asia Pacific (<a href="https://www.intertek.com/contact/asiapacific/">https://www.intertek.com/contact/asiapacific/</a>

## **Intertek Testing Services Laboratory Documents**

## **Required Test Submittal Quantities for Adult Apparel-ITS**

 This chart outlines minimum sample quantities needed to complete third-party testing with ITS.

APPAREL (100 series), OUTERWEAR (300 series), SWIMWEAR (400 series), UNDERWEAR/SLEEPWEAR/LINGERIE/LT WT NOVELTY APPAREL (500 series)			
OND	(woven – knit – leather)	TT AFFAILL (300 Selles)	
FABRIC	Development	3 yards (any color)	
KNITDOWN	Production	3 1/2 yards (one color)	
MATERIAL	Production Additional Color(s)	1 yard (each additional color)	
CARACAT	Pre-Production	3 garments (one color)	
GARMENT	Pre-Production Additional Color(s)	N/A	
	APPAREL Woven (Heavy Wash (10	01HW)	
FABRIC	Development	3 yards (any color)	
KNITDOWN	Production	3 1/2 yards (one color)	
MATERIAL	Production Additional Color(s)	1 yard (each additional color)	
GARMENT	Pre-Production	3 garments (one color)	
GARIVIENT	Pre-Production Additional Color(s)	2 garments (each additional color)	
	APPAREL Woven - Knit Garment Dye (101GD	0/102GD/501GD)	
FABRIC	Development	3 yards (any color)	
KNITDOWN	Production	3 1/2 yards (one color)	
MATERIAL	Production Additional Color(s)	N/A	
CARMENT	Pre-Production	3 garments (one color)	
GARMENT	Pre-Production Additional Color(s)	2 garments (each additional color)	

	APPAREL Woven - Knit Seamless (102SL)				
TUBES	Pre-Production Additional Color(s)	1 yard (each additional color)			
CADNAENT	Pre-Production	3 garments + 3 yards (shell & lining)			
GARMENT	Pre-Production Additional Color(s)	3 garments + ½ yard (shell & lining)			
	APPAREL SWEATERS (200)				
FARRIC	Development	3 yards (any color)			
FABRIC KNITDOWN MATERIAL	Production	3 1/2 yards (one color) +garment for fiber content			
IVIATERIAL	Production Additional Color(s)	1 yard (each additional color)			
GARMENT	Pre-Production	3 garments (one color)			

#### **REMARKS:**

- 1. Regular service is 5 working day, express service is 3 working days, (surcharge is 40%), shuttle service is 1 working day, (surcharge is 100%).
- 2. Additional samples may be required upon actual sample design and complex sample.
- 3. Special Fiber (Microscopic): e.g. Cashmere, Lamb's Wool Blend: TAT: Around 7 working days.
- 4. Antibacterial Activity Assessment: AATCC 147: TAT: Around 8 working days.
- 5. UV/UPF (Ultra Violet Protection Factor): ASTM D6603, ASTM D6544, AATCC 183 TAT: 14 working days.
- 6. Wrinkle Resistance: (For 20 Launderings) TAT: 8 working days.
- 7. Bond Strength: AATCC 136 in Spec #915 (For 20 Launderings) TAT: 7 working days.
- 8. Water Resistant: JIL L 1092 A (Hydrophilic and B (Hydrophobic) TAT: 12 working days.
- 9. Water Vapor Permeability: JIS L 1099-A1, B1 TAT: 10 working days.
- 10. Odor Control-IBRG TEX 13/005/005 1.0: (@initial stage + 3 cycles of AATCC 61-2A) TAT: 11 working days not including wash time.
- 11. This chart outlines minimum sample quantities needed to complete third-party testing.

	TRIMS (800 series)	
TS 800 –	Development	20 (any color)
ZIPPERS, SLIDE	Production	20 (one color)
FASTENERS	Production Additional Color(s)	20 (each additional color)
TC 90F	Development	25 (any color)
TS 805 - SNAPS	Production	25 (one color)
SIVAPS	Production Additional Color(s)	25 (each additional color)

	TRIMS (800 series)	
TS 810 - BUTTONS	Production Production Additional Color(s)	30 (any color) 30 (one color) 30 (each additional color)
TS 815 - CORD ENDS BUCKLES CORDSTOPS CORDLOCKS ZIPPER PULLS	Development Production Production Additional Color(s)	30 (any color) 30 (one color) 30 (each additional color)
DECORATIVE or FUNCTIONAL COMPONENTS	Development	A verde (enventer)
TS 820 - ELASTICS	Production Production Additional Color(s)	4 yards (any color) 5 yards (one color) 3 yards (each additional color)
TS 825 - DRAWSTRINGS CORDS TAPES PATCHES PIPING RIBBON & BRAID	Production Production Additional Color(s)	4 yards (any color) 5 yards (one color) 3 yards (each additional color)
TS 830 - COLLARS CUFFS PLACKET TRIM, OTHER FABRIC TRIM, LEATHER & FAUX LEATHER	Production Production Additional Color(s)	2 1/2 yards (any color) 3.5 yards (one color) 3 yards (each additional color)
TS 835 - LINING POCKETING (with & without abrasion)	Development Production Production Additional Color(s)	3 yards (any color) 3 yards (one color) 1 yard (each additional color)
TS 840 & 841 - BAFFLE & BAFFLE for COLORED FABRIC	Development Production Production Additional Color(s)	3 yards (any color) 3 yards (one color) 1 yard (each additional color)

	TRIMS (800 series)	
TS 845 -	Development	20 pcs (any color)
LABELS/	Production	20 pcs (one color)
SCREEN PRINTS,	Production Additional Color(s)	20 (each additional color)
GRAPHIC PRINTS		
(10 & 25 actual		
launderings)		
TS 846 -	Development	20 pcs (any color)
LABELS/	Production	20 pcs (one color)
HEAT	Production Additional Color(s)	20 (each additional color)
TRANSFERS		
(10 & 25 actual		
launderings)		
TS 850 -	Development	1yard
FAUX FUR	Production	2 1/2 yards
FAUX FUR	Production Additional Color(s)	2 yards

#### **REMARKS:**

- 1. Regular service is 5 working day, express service is 3 working days, (surcharge is 40%), shuttle service is 1 working day, (surcharge is 100%).
- 2. Additional samples may be required upon actual sample design and complex sample.
- 3. Special Fiber (Microscopic): e.g. Cashmere, Lamb's Wool Blend: TAT: Around 7 working days.
- 4. Antibacterial Activity Assessment: AATCC 147: TAT: Around 8 working days.
- 5. UV/UPF (Ultra Violet Protection Factor): ASTM D6603, ASTM D6544, AATCC 183 TAT: 14 working days.
- 6. Wrinkle Resistance: (For 20 Launderings) TAT: 8 working days.
- 7. Bond Strength: AATCC 136 in Spec #915 (For 20 Launderings) TAT: 7 working days.
- 8. Water Resistant: JIL L 1092 A (Hydrophilic and B (Hydrophobic) TAT: 12 working days.
- 9. Water Vapor Permeability: JIS L 1099-A1, B1 TAT: 10 working days.
- 10. Odor Control-IBRG TEX 13/005/005 1.0: (@initial stage + 3 cycles of AATCC 61-2A) TAT: 11 working days not including wash time.
- 11. This chart outlines minimum sample quantities needed to complete third-party testing.

	PERFORMANCE – (900 ser	ies)
TS 905 - DYI	E STAY COLORFASTNESS	
FABRIC	Development	N/A
KNITDOWN	Production	N/A
MATERIAL	Production Additional Color(s)	N/A
	Pre-Production	2 garments
GARMENT	Pre-Production Additional Color(s)	2 garments
TS 910 - WF	RINKLE RESISTANCE	L
FABRIC	Development	N/A
KNITDOWN	Production	1 yard (one color)
MATERIAL	Production Additional Color(s)	N/A
GARMENT	Pre-Production	2 garments (any color/pattern)
GARIVILIVI	Pre-Production Additional Color(s)	N/A
TS 915 - W/	ATERPROOF: SEALED SEAMS	
FABRIC	Development	¾ yard (any color)
KNITDOWN	Development Production	¾ yard (any color) N/A
	Production	N/A
KNITDOWN	Production Production Additional Color(s)	N/A N/A
KNITDOWN MATERIAL	Production  Production Additional Color(s)  Pre-Production	N/A N/A 4 garments
KNITDOWN MATERIAL GARMENT	Production  Production Additional Color(s)  Pre-Production  Pre-Production Additional Color(s)	N/A  N/A  4 garments  N/A
KNITDOWN MATERIAL GARMENT	Production  Production Additional Color(s)  Pre-Production	N/A  N/A  4 garments  N/A
KNITDOWN MATERIAL GARMENT	Production  Production Additional Color(s)  Pre-Production  Pre-Production Additional Color(s)	N/A  N/A  4 garments  N/A
KNITDOWN MATERIAL  GARMENT  TS 916 - EX  FABRIC KNITDOWN	Production  Production Additional Color(s)  Pre-Production  Pre-Production Additional Color(s)  TENDED WASH DURABILITY: WELDED, GLUED,	N/A  N/A  4 garments  N/A  8 OVERLAY COMPONENTS  Appropriate mock-ups as needed  N/A
KNITDOWN MATERIAL  GARMENT  TS 916 - EX	Production  Production Additional Color(s)  Pre-Production  Pre-Production Additional Color(s)  FENDED WASH DURABILITY: WELDED, GLUED,  Development	N/A  N/A  4 garments  N/A  **OVERLAY COMPONENTS  Appropriate mock-ups as needed
KNITDOWN MATERIAL  GARMENT  TS 916 - EXT FABRIC KNITDOWN MATERIAL	Production  Production Additional Color(s)  Pre-Production  Pre-Production Additional Color(s)  FENDED WASH DURABILITY: WELDED, GLUED,  Development  Production	N/A  N/A  4 garments  N/A  8 OVERLAY COMPONENTS  Appropriate mock-ups as needed  N/A
KNITDOWN MATERIAL  GARMENT  TS 916 - EX  FABRIC KNITDOWN	Production  Production Additional Color(s)  Pre-Production  Pre-Production Additional Color(s)  FENDED WASH DURABILITY: WELDED, GLUED,  Development  Production  Production Additional Color(s)	N/A  N/A  4 garments  N/A  WOVERLAY COMPONENTS  Appropriate mock-ups as needed  N/A  N/A
KNITDOWN MATERIAL  GARMENT  TS 916 - EX  FABRIC KNITDOWN MATERIAL  GARMENT	Production  Production Additional Color(s)  Pre-Production  Pre-Production Additional Color(s)  FENDED WASH DURABILITY: WELDED, GLUED,  Development  Production  Production  Production Additional Color(s)  Pre-Production	N/A  N/A  4 garments  N/A  8 OVERLAY COMPONENTS  Appropriate mock-ups as needed  N/A  N/A  N/A  ½ yard with component attached
KNITDOWN MATERIAL  GARMENT  TS 916 - EX  FABRIC KNITDOWN MATERIAL  GARMENT	Production  Production Additional Color(s)  Pre-Production  Pre-Production Additional Color(s)  FENDED WASH DURABILITY: WELDED, GLUED,  Development  Production  Production Additional Color(s)  Pre-Production  Pre-Production Additional Color(s)	N/A  N/A  4 garments  N/A  8 OVERLAY COMPONENTS  Appropriate mock-ups as needed  N/A  N/A  N/A  ½ yard with component attached
KNITDOWN MATERIAL  GARMENT  TS 916 - EX  FABRIC KNITDOWN MATERIAL  GARMENT  TS 920 - WA	Production  Production Additional Color(s)  Pre-Production  Pre-Production Additional Color(s)  FENDED WASH DURABILITY: WELDED, GLUED,  Development  Production  Production  Production Additional Color(s)  Pre-Production  Pre-Production Additional Color(s)  ATER, OIL, STAIN REPELLENCY (RESISTANCE)	N/A  N/A  4 garments  N/A  8 OVERLAY COMPONENTS  Appropriate mock-ups as needed  N/A  N/A  N/A  ½ yard with component attached  N/A
KNITDOWN MATERIAL  GARMENT  TS 916 - EX  FABRIC KNITDOWN MATERIAL  GARMENT  TS 920 - WA  FABRIC	Production  Production Additional Color(s)  Pre-Production  Pre-Production Additional Color(s)  FENDED WASH DURABILITY: WELDED, GLUED,  Development  Production  Production Additional Color(s)  Pre-Production  Pre-Production  Pre-Production Additional Color(s)  ATER, OIL, STAIN REPELLENCY (RESISTANCE)  Development	N/A  N/A  4 garments  N/A  8 OVERLAY COMPONENTS  Appropriate mock-ups as needed  N/A  N/A  N/A  ½ yard with component attached  N/A  ¼ yard (any color)
KNITDOWN MATERIAL  GARMENT  TS 916 - EXT  FABRIC KNITDOWN MATERIAL  GARMENT  TS 920 - WA  FABRIC KNITDOWN	Production  Production Additional Color(s)  Pre-Production  Pre-Production Additional Color(s)  FENDED WASH DURABILITY: WELDED, GLUED,  Development  Production  Production  Pre-Production  Pre-Production  Pre-Production Additional Color(s)  ATER, OIL, STAIN REPELLENCY (RESISTANCE)  Development  Production	N/A  N/A  4 garments  N/A  8 OVERLAY COMPONENTS  Appropriate mock-ups as needed  N/A  N/A  ½ yard with component attached  N/A  ¼ yard (any color)  ¼ yard (one color)

PERFORMANCE – (900 series)		
TS 921 – OI	L REPELLENCY	
FABRIC	Development	¾ yard (any color)
KNITDOWN	Production	¾ yard (one color)
MATERIAL	Production Additional Color(s)	¾ yard (each additional color)
GARMENT	Pre-Production	N/A
GARIVIENT	Pre-Production Additional Color(s)	N/A
TS 925 - W	ATER, OIL, STAIN REPEL (RESIST) / RELEASE	
FABRIC	Development	¼ yard (any color)
KNITDOWN	Production	¼ yard (one color)
MATERIAL	Production Additional Color(s)	¼ yard (each additional color)
CADMENT	Pre-Production	N/A
GARMENT	Pre-Production Additional Color(s)	N/A
TS 930 - W	CKING	
FABRIC	Development	½ yard (any color)
<b>KNITDOWN</b>	Production	½ yard (one color)
MATERIAL	Production Additional Color(s)	N/A
GARMENT	Pre-Production	1 garment )one color/pattern)
GARIVIEIVI	Pre-Production Additional Color(s)	N/A
TS 935 - M	DISTURE MANAGEMENT	
FABRIC	Development	½ yard (any color)
KNITDOWN	Production	½ yard (one color)
MATERIAL	Production Additional Color(s)	N/A
GARMENT	Pre-Production	N/A
GARIVIENT	Pre-Production Additional Color(s)	N/A
TS 937 – QI	UICK DRY	
FABRIC	Development	3/4 yard (any color)
KNITDOWN	Production	3/4 yard (one color)
MATERIAL	Production Additional Color(s)	N/A
GARMENT	Pre-Production	N/A
GARIVIEIVI	Pre-Production Additional Color(s)	N/A
TS 938 – FR	EEEDRY COTTON/COTTON BLENDS (TREATED	) & UNTREATED)
FABRIC	Development	½ yard (any color)
KNITDOWN		
MATERIAL	Production Production Additional Color(s)	N/A
	Production Additional Color(s)	N/A

PERFORMANCE – (900 series)				
TS's 940A V	TS's 940A WATER REPELLENCY (RESISTANCE)			
FABRIC	Development	3/4 yard (any color)		
KNITDOWN	Production	3/4 yard (one color)		
MATERIAL	Production Additional Color(s)	3/4 yard (each additional color)		
TS's 940B, 9	940C, 940D, 940E, 940F- WATER REPELLENCY (R	ESISTANCE)		
FABRIC	Development	½ yard (any color)		
KNITDOWN	Production	½ yard (one color)		
MATERIAL	Production Additional Color(s)	½ yard (each additional color)		
TS 945 - W/	ATER RESISTANCE (FOR CUSTOMS)			
FABRIC	Development	½ yard (any color)		
KNITDOWN	Production	½ yard (one color)		
MATERIAL	Production Additional Color(s)	½ yard (each additional color)		
GARMENT	Pre-Production	1 garment (one color/pattern)		
GARWERT	Pre-Production Additional Color(s)	N/A		
TS 949 - W	ATERPROOF			
FABRIC	Development	1 yard (any color)		
KNITDOWN	Production	1 yard (one color)		
MATERIAL	Production Additional Color(s)	N/A		
	Pre-Production	N/A		
GARMENT				
GARMENT	Pre-Production Additional Color(s)	N/A		
TS 950 - BR	Pre-Production Additional Color(s)  EATHABLE (for waterproof/breathable fabrics)  EATHABLE (for non-waterproof/breathable fab	or		
TS 950 - BR	EATHABLE (for waterproof/breathable fabrics)	or rics)		
TS 950 - BR TS 955 - BR	EATHABLE (for waterproof/breathable fabrics) EATHABLE (for non-waterproof/breathable fab	or		
TS 950 - BR TS 955 - BR FABRIC	EATHABLE (for waterproof/breathable fabrics) EATHABLE (for non-waterproof/breathable fab  Development	or rics) 1 yard (any color)		
TS 950 - BR TS 955 - BR FABRIC KNITDOWN MATERIAL	EATHABLE (for waterproof/breathable fabrics) EATHABLE (for non-waterproof/breathable fab  Development Production	or rics) 1 yard (any color) 1 yard (one color) N/A		
TS 950 - BR TS 955 - BR FABRIC KNITDOWN MATERIAL	EATHABLE (for waterproof/breathable fabrics) EATHABLE (for non-waterproof/breathable fab  Development Production Production Additional Color(s)	or rics) 1 yard (any color) 1 yard (one color) N/A		
TS 950 - BR TS 955 - BR FABRIC KNITDOWN MATERIAL TS 960A - V	EATHABLE (for waterproof/breathable fabrics) EATHABLE (for non-waterproof/breathable fab  Development Production Production Additional Color(s)  //NDPROOF or TS 960B - WIND RESISTANT or TS	1 yard (any color) 1 yard (one color) N/A 5 960C Air Permeability (WE Flux)		
TS 950 - BR TS 955 - BR FABRIC KNITDOWN MATERIAL TS 960A - V	EATHABLE (for waterproof/breathable fabrics) EATHABLE (for non-waterproof/breathable fab  Development Production Production Additional Color(s)  //NDPROOF or TS 960B - WIND RESISTANT or TS  Development	1 yard (any color) 1 yard (one color) N/A 5 960C Air Permeability (WE Flux) ½ yard (any color)		
TS 950 - BR TS 955 - BR FABRIC KNITDOWN MATERIAL TS 960A - V FABRIC KNITDOWN MATERIAL	EATHABLE (for waterproof/breathable fabrics) EATHABLE (for non-waterproof/breathable fab  Development Production Production Additional Color(s)  //NDPROOF or TS 960B - WIND RESISTANT or TS  Development Pre-Production	1 yard (any color) 1 yard (one color) N/A 5 960C Air Permeability (WE Flux) ½ yard (any color) ½ yard (one color) N/A		
TS 950 - BR TS 955 - BR FABRIC KNITDOWN MATERIAL TS 960A - V FABRIC KNITDOWN MATERIAL	EATHABLE (for waterproof/breathable fabrics) EATHABLE (for non-waterproof/breathable fab  Development Production Production Additional Color(s)  //NDPROOF or TS 960B - WIND RESISTANT or TS  Development Pre-Production Pre-Production Additional Color(s)	1 yard (any color) 1 yard (one color) N/A 5 960C Air Permeability (WE Flux) ½ yard (any color) ½ yard (one color) N/A		
TS 950 - BR TS 955 - BR FABRIC KNITDOWN MATERIAL TS 960A - V FABRIC KNITDOWN MATERIAL TS 961 Elec	EATHABLE (for waterproof/breathable fabrics) EATHABLE (for non-waterproof/breathable fab  Development Production Production Additional Color(s)  //NDPROOF or TS 960B - WIND RESISTANT or TS  Development Pre-Production Pre-Production Additional Color(s)  trical Surface Resistivity of Fabrics (Anti-Static)	1 yard (any color) 1 yard (one color) N/A 5 960C Air Permeability (WE Flux) ½ yard (any color) ½ yard (one color) N/A Shanghai, Hong Kong, Taiwan		

PERFORMANCE – (900 series)			
TS 962 Ther	mal Transmittance of Textile Materials (clo) –	Shanghai, Hong Kong, Taiwan	
FABRIC	Development	2 yards full width	
KNITDOWN	Pre-Production	N/A	
MATERIAL	Pre-Production Additional Color(s)	<mark>N/A</mark>	
TS 963 Ther	mal Regulation (Qmax)- Hong Kong, Taiwan		
<b>FABRIC</b>	Development	½ yard full width for Initial	
<b>KNITDOWN</b>	Pre-Production	½ yard full width for Initial	
<b>MATERIAL</b>	Pre-Production Additional Color(s)	N/A	
TS 970 - UL	TRAVIOLET PROTECTION FACTOR (UPF)		
FABRIC	Development	¼ yard (any color)	
KNITDOWN	Production	¼ yard (one color)	
MATERIAL	Production Additional Color(s)	N/A	
TS 975 – IR-	FAR INFRARED		
FABRIC	Development	2 yards (any color)	
KNITDOWN	Production	2 yards (one color)	
MATERIAL	Production Additional Color(s)	N/A	
TS 980 - AN	TIMICROBIAL/ANTIBACTERIAL		
FABRIC	Development	½ yard (any color)	
KNITDOWN	Production	½ yard (one color)	
MATERIAL	Production Additional Color(s)	N/A	
TS 981- Deodorizing (Sweat Odor-Ammonia, Acetic acid & Isivalieric acid)- Hong Kong, Taiwan			
<b>FABRIC</b>	Development	1-yard full width for Initial	
KNITDOWN	Production Production	1-yard full width for Initial	
<b>MATERIAL</b>	Production Additional Color(s)	N/A	

PERFORMANCE – (900 series)			
TS 981- Deodorizing (Body Odor- Ammonia, Acetic acid & Isivalieric acid)- Hong Kong, Taiwan			
<b>FABRIC</b>	<b>Development</b>	1-yard full width for	
<b>KNITDOWN</b>	Production Production	1-yard full width for Initial	
MATERIAL	Production Additional Color(s)	N/A	
TS 985 – OI	OOR CONTROL		
FABRIC	Development	1/2 yard (any color)	
KNITDOWN	Production	1/2 yard (one color)	
MATERIAL	Production Additional Color(s)	N/A	
GARMENT	Pre-Production	1 garment (one color/pattern)	
GARIVIENT	Pre-Production Additional Color(s)	N/A	
TS 986-Coll	agen – Sensitive Skin-Taiwan	-	
<b>FABRIC</b>	<b>Development</b>	20g or A4 x 2 pieces	
KNITDOWN	<b>Production</b>	20g or A4 x 2 pieces	
<b>MATERIAL</b>	Production Additional Color(s)	<mark>N/A</mark>	
TS 987 – Pr	otection against Free Radicals-Taiwan		
<b>FABRIC</b>	<b>Development</b>	<mark>20g</mark>	
KNITDOWN	<b>Production</b>	<mark>20g</mark>	
<b>MATERIAL</b>	Production Additional Color(s)	<mark>N/A</mark>	
TS 990 -DO	WNPROOF		
	Production Additional Color(s)	N/A	
FABRIC	Development	½ yard (any color)	
KNITDOWN	Production	½ yard (one color)	
MATERIAL	Production Additional Color(s)	½ yard (each additional color)	
TS 995 - FIB			
FABRIC	Development	½ yard (any color)	
KNITDOWN	Production	½ yard (one color)	
MATERIAL	Production Additional Color(s)	½ yard (each additional color)	

### **REMARKS:**

- 1. Regular service is 5 working day, express service is 3 working days, (surcharge is 40%), shuttle service is 1 working day, (surcharge is 100%).
- 2. Additional samples may be required upon actual sample design and complex sample.
- 3. Special Fiber (Microscopic): e.g. Cashmere, Lamb's Wool Blend: TAT: Around 7 working days.
- 4. Antibacterial Activity Assessment: AATCC 147: TAT: Around 8 working days.
- 5. UV/UPF (Ultra Violet Protection Factor): ASTM D6603, ASTM D6544, AATCC 183 TAT: 14 working days.
- 6. Wrinkle Resistance: (For 20 Launderings) TAT: 8 working days.
- 7. Bond Strength: AATCC 136 in Spec #915 (For 20 Launderings) TAT: 7 working days.
- 8. Water Resistant: JIL L 1092 A (Hydrophilic and B (Hydrophobic) TAT: 12 working days.
- 9. Water Vapor Permeability: JIS L 1099-A1, B1 TAT: 10 working days.

- 10. Odor Control-IBRG TEX 13/005/005 1.0: (@initial stage + 3 cycles of AATCC 61-2A) TAT: 11 working days not including wash time.
- 11. Electrical Surface Resistivity of Fabrics (Anti-Static): TAT: 5 working days.
- 12. Thermal Transmittance of Textile Materials (clo): TAT: 5 working days.
- 13. Thermal Regulations (Qmax): TAT: 7 working days.
- 14. Deodorizing-: TAT: 8 working days. (including washing)
- 15. Collagen-Sensitive skin: TAT: 8 working days.
- 16. Protection Against Free Radicals: TAT: 5-6 working days.
- 11. This chart outlines minimum sample quantities needed to complete third-party testing.

INTERTEK TESTING SERVICES COSTING			
	WOVENS (101), OUTERWEAR (301), SWIMWEAR (401), AR/SLEEPWEAR/LINGERIE/LT WT NOVELTY (501)	ASIA, TURKEY, GUATEMALA, MEXICO (USD)	USA, PORTUGAL (USD)
FABRIC	Development	\$135	\$213
KNITDOWN	Production	\$205	\$311
MATERIAL	Production Additional Color(s)	\$68	\$92
GARMENT	Pre-Preproduction	\$95	\$196
GARMENT	Pre-Production Additional Color(s)	\$N/A	\$N/A
	WOVENS HEAVY WASH (101HW)	ASIA, TURKEY, GUATEMALA, MEXICO (USD)	USA, PORTUGAL (USD)
FABRIC	Development	\$135	\$216
KNITDOWN	Production	\$205	\$331
MATERIAL	Production Additional Color(s)	\$80	\$108
GARMENT	Pre-Preproduction	\$125	\$209
GARMENT	Pre-Production Additional Color(s)	\$55	\$74
	WOVENS GARMENT DYE (101GD)		USA, PORTUGAL (USD)
FABRIC	Development	\$85	\$132
KNITDOWN	Production	\$100	\$149
MATERIAL	Production Additional Color(s)	N/A	N/A
GARMENT	Pre-Preproduction	\$190	\$277
GARMENT	Pre-Production Additional Color(s)	\$93	\$126

WOVENS UND	DERWEAR/SLEEPWEAR/LINGERIE/LT WT NOVELTY  GARMENT (501GD)	ASIA, TURKEY, GUATEMALA, MEXICO (USD)	USA, PORTUGAL (USD)
FABRIC	Development	\$55	\$63
KNITDOWN	Production	\$75	\$93
MATERIAL	Production Additional Color(s)	N/A	N/A
GARMENT	Pre-Preproduction	\$213	\$328
GARMENT	Pre-Production Additional Color(s)	\$116	\$157
APPAREL	KNITS (102), OUTERWEAR (302), SWIMWEAR (402), UNDERWEAR/SLEEPWEAR (502)	ASIA, TURKEY, GUATEMALA, MEXICO (USD)	USA, PORTUGAL (USD)
FABRIC	Development	\$88	\$159
KNITDOWN	Production	\$200	\$304
MATERIAL	Production Additional Color(s)	\$68	\$92
GARMENT	Pre-Preproduction	\$100	\$135
GARMENT	Pre-Production Additional Color(s)	\$N/A	\$N/A
	KNITS GARMENT DYE (102GD)	ASIA, TURKEY, GUATEMALA, MEXICO (USD)	USA, PORTUGAL (USD)
FABRIC	Development	\$61	\$103
KNITDOWN	Production	\$84	\$134
MATERIAL	Production Additional Color(s)	N/A	N/A
GARMENT	Pre-Preproduction	\$175	\$263
GARMENT	Pre-Production Additional Color(s)	\$116	\$170
KNITS SEAMLESS (102SL)		ASIA, TURKEY, GUATEMALA, MEXICO (USD)	USA, PORTUGAL (USD)
TUBE	Pre-Production (Additional Colors)	\$65	\$95
	Pre-Production	\$210	\$196
GARMENT	Pre-Production (Additional Colors)	\$65	\$74

	LEATHER / SUEDE APPAREL (103), OUTERWEAR (303)	ASIA, TURKEY, GUATEMALA, MEXICO (USD)	USA, PORTUGAL (USD)
Washable			
FABRIC	Development	\$76	\$143
KNITDOWN	Production	\$118	\$200
MATERIAL	Production Additional Color(s)	\$50	\$68
GARMENT	Pre-Preproduction	\$92	\$124
GARMENT	Pre-Production Additional Color(s)	\$N/A	\$N/A
Professional lea	ther clean	_	
FABRIC	Development	\$165	\$266
KNITDOWN	Production	\$115	\$196
MATERIAL	Production Additional Color(s)	\$74	\$100
GARMENT	Pre-Preproduction	\$176	\$238
GARMENT	Pre-Production Additional Color(s)	\$N/A	\$N/A
	SWEATER APPAREL (200)	ASIA, TURKEY, GUATEMALA, MEXICO (USD)	USA, PORTUGAL (USD)
FABRIC	Development	\$88	\$159
KNITDOWN	Production	\$185	\$290
MATERIAL	Production Additional Color(s)	\$68	\$92
GARMENT	Pre-Preproduction	\$100	\$135
GARMENT	Pre-Production Additional Color(s)	\$N/A	\$N/A

- 1. Package price includes fiber content test of 2 fibers by chemical method. Additional charge is required for more fiber or if microscopic method is required.
- 2. Package price includes 1 care instruction and 1 testing for each test item.
- 3. Package price excludes formaldehyde JIS-L 1041 and other 'applicable tests'. Please refer to the additional charge to the test package as per individual pricing spreadsheet.
- 4. Minimum charge per report issue is USD 35 (maximum) for Asia, Guatemala, Mexico, Turkey and Portugal, and minimum charge per invoice in the US is USD200.
- 5. Regular service is 5 working days, express service (3 working days), surcharge is 40%, shuttle service (1 working day), surcharge is 100%.

	TRIMS	ASIA, TURKEY, GUATEMALA, MEXICO (USD)	USA, PORTUGAL (USD)
TS 800 -	Development	\$155	\$233
ZIPPERS	Production	\$170	\$255
2111 2113	Production Additional Color(s)	\$110	\$165
	Development	\$106	\$159
TS 805 - SNAPS	Production	\$120	\$180
	Production Additional Color(s)	\$84	\$126
TC 010	Development	\$116	\$174
TS 810 -	Production	\$135	\$203
BUTTONS	Production Additional Color(s)	\$92	\$138
TS 815 - CORD	Development	\$112	\$168
ENDS BUCKLES	Production	\$130	\$195
CORDSTOPS	Production Additional Color(s)		
CORDLOCKS			
ZIPPER PULLS		\$90	\$135
DECORATIVE or		Ş90	\$133
FUNCTIONAL			
COMPONENTS			
TS 820 -	Development	\$50	\$105
ELASTICS	Production	\$118	\$177
ELASTICS	Production Additional Color(s)	\$90	\$135
TS 825 -	Development	\$120	\$165
DRAWSTRINGS	Production	\$135	\$203
CORDS	Production Additional Color(s)		
TAPES PATCHES		\$105	\$168
PIPING RIBBON		7103	7100
& BRAID			
TS 825 -	Development	\$120	\$165
DRAWSTRINGS	Production	\$135	\$203
CORDS	Production Additional Color(s)		
TAPES PATCHES			
PIPING RIBBON		\$105	\$168
& BRAID (If		7	, 33
spandex is			
present			

	TRIMS	ASIA, TURKEY, GUATEMALA, MEXICO (USD)	USA, PORTUGAL (USD)
TS 830 -	Development	\$135	\$203
COLLARS	Production	\$155	\$293
CUFFS PLACKET TRIM OTHER FABRIC TRIM & LEATHER/FAUX LEATHER TRIM	Production Additional Color(s)	\$110	\$180
TS 835 - LINING	Development	\$160	\$263
POCKETING-	Production	\$198	\$353
with Abrasion	Production Additional Color(s)	\$60	\$90
(Fall/Holiday	Production	\$179	\$260
2014 forward)	Production Additional Color(s)	\$40	\$60
TS 840 – BAFFLE	Development-840 & 841	\$105	\$177
TS 841 - BAFFLE	Production-840	\$130	\$246
for COLORED	Production-841	\$165	\$330
FABRICS	Production Additional Color(s)-840	\$65	\$195
	Production Additional Color(s)-841	\$115	\$225
	<ul><li>Development: Laundering Costs</li><li>10 Launderings</li><li>25 Laundering</li></ul>	\$60 \$105	\$120 \$203
TS 845 – LABELS/ SCREEN PRINTS, GRAPHIC PRINTS	Production: Laundering Costs  • 10 Launderings  • 25 Laundering	\$100 \$145	\$144 \$278
	Production (additional colors): Laundering Costs  • 10 Launderings  • 25 Laundering	\$100 \$145	\$144 \$278

	TRIMS	ASIA, TURKEY, GUATEMALA, MEXICO (USD)	USA, PORTUGAL (USD)
	<ul><li>Development: Laundering Costs</li><li>10 Launderings</li><li>25 Laundering</li></ul>	\$60 \$105	\$120 \$203
TS 846- LABELS/ HEAT TRANSFERS	Production: Laundering Costs  • 10 Launderings  • 25 Laundering	\$120 \$165	\$182 \$290
	Production (additional colors): Laundering Costs  • 10 Launderings  • 25 Laundering	\$120 \$165	\$182 \$290
TS 850 – FAUX FUR	Development	\$66	\$99
	Production Production Additional Color(s)	\$135 \$135	\$210 \$210

- 1. Package price includes fiber content test of 2 fibers by chemical method. Additional charge is required for more fiber or if microscopic method is required.
- 2. Package price includes 1 care instruction and 1 testing for each test item.
- 3. Package price excludes formaldehyde JIS-L 1041 and other 'applicable tests'. Please refer to the additional charge to the test package as per individual pricing spreadsheet.
- 4. Minimum charge per report issue is USD 35 (maximum) for Asia, Guatemala, Mexico, Turkey and Portugal, and minimum charge per invoice in the US is USD200.
- 5. Regular service is 5 working days, express service (3 working days), surcharge is 40%, shuttle service (1 working day), surcharge is 100%.

PERFORMANCE		ASIA, TURKEY, GUATEMALA, MEXICO (USD)	USA, PORTUGAL (USD)
TS #905 - DYE STAY COLORFASTNESS	FABRIC – Development FABRIC- Production FABRIC- Production (Add'l colors)	N/A N/A N/A	N/A N/A N/A
	GARMENT - PreProduction	\$183	\$260
	GARMENT - PreProduction Additional Color(s)	\$183	\$270
TS #910 – WRINKLE RESISTANCE -Seam appearance (after 5 & 20 launderings) garment onlyFabric smoothness (after 5 & 20 launderings).	FABRIC – Development FABRIC– Production FABRIC- Production (add'l colors)	N/A \$175 N/A	N/A \$254 N/A
-Crease retention (after 5 & 20 launderings) garment onlyAppearance (after 5 & 20 launderings).	GARMENT – Production GARMENT- Production (add'l colors)	\$190 N/A	\$260 N/A
TS #915 – WATERPROOF:	FABRIC - Development FABRIC - Production Production Additional Color(s)	\$120 N/A N/A	\$242 N/A N/A
Sealed Seams	GARMENT-Production GARMENT-Production (add'l colors)	\$120 N/A	\$242 N/A
TS #916 – EXTENDED WASH DURABILITY: Welded, Glued, Overlay Components.	FABRIC-Development FABRIC-Production FABRIC-Production (add'l colors)	\$110 N/A N/A	\$162 N/A N/A
Appearance (initial & after 10 launderings)	GARMENT-Production GARMENT-Production (add'l colors)	\$110 N/A	\$162 N/A

PERFORMANCE		ASIA, TURKEY, GUATEMALA, MEXICO (USD)	USA, PORTUGAL (USD)
TS #920 – WATER, OIL, STAIN	FABRIC - Development	\$105	\$203
REPELLENCY (Resistance).	FABRIC - Production	\$104	\$203
<ul><li>-Water Repellency [AATCC 193]</li><li>(initial &amp; 5 launderings).</li><li>-Oil Repellency (initial &amp; 5 launderings)</li></ul>	FABRIC - Production Additional Color(s)	\$104	\$203
TS #921 – OIL REPELLENCY	FABRIC - Development	\$75	\$140
-Oil Repellency (initial & 5	FABRIC - Production	\$75	\$140
launderings)	FABRIC - Production Additional Color(s)	\$75	\$140
TS #925 – WATER, OIL, STAIN	FABRIC - Development	\$150	\$277
REPEL (Resist)/ Release.	FABRIC - Production	\$150	\$277
-Water Repellency [AATCC 193] (initial & 5 launderings)Oil Repellency (initial & 5 launderings)Soil Release (initial & 5 launderings)	FABRIC - Production Additional Color(s)	\$150	\$277
TS #930 – WICKING	FABRIC - Development	\$70	\$126
-Absorbency (initial)	FABRIC - Production	\$70	\$126
-Wicking (initial & after 5 launderings)	FABRIC - Production Additional Color(s)	N/A	N/A
	GARMENT -Development	Seamless Knits only: \$52	Seamless Knits only: \$110
	GARMENT -Production	Seamless Knits: \$52 \$70	Seamless Knits: \$110 \$126
	GARMENT -Production Additional Color(s)	N/A	N/A
TS #935 -MOISTURE	FABRIC - Development	\$185	\$280
MANAGEMENT	FABRIC - Production	\$185	\$280
<ul><li>–Absorbency (initial).</li><li>–Wicking (initial and after 5 launderings).</li><li>–Quick Dry (initial and after 3 launderings)</li></ul>	FABRIC - Production Additional Color(s)	N/A	N/A

PERFORM	<b>ASIA,</b> TURKEY, GUATEMALA, MEXICO (USD)	USA, PORTUGAL (USD)	
	FABRIC - Development	\$135	\$190
TS #937 – QUICK DRY (initial and	FABRIC - Production	\$135	\$190
after 3 launderings)	FABRIC - Production Additional Color(s)	N/A	N/A
TS #938 – FREEDRY COTTON/COTTON BLENDS–	FABRIC - Development	\$34	No capability
(TREATED & UNTREATED)	FABRIC - Production	N/A	N/A
AATCC 199	FABRIC - Production Additional Color(s)	N/A	N/A
TO WO AGA AWATER REPELLENCY	FABRIC - Development	\$35	\$53
TS #940A WATER REPELLENCY: Spray Test (WR) AATCC-22	FABRIC - Production	\$35	\$53
-Initial & after 3 launderings	FABRIC - Production	\$35	\$53
initial & arter 3 launderings	Additional Color(s)		
TS #940B WATER REPELLENCY:	FABRIC - Development	\$51	\$106
Spray Test (DWR) AATCC-22	FABRIC - Production	\$51	\$106
-Initial & after 5 launderings	FABRIC - Production Additional Color(s)	\$51	\$106
TS #940C WATER REPELLENCY:	FABRIC - Development	\$145	\$261
Spray Test (Super DWR)	FABRIC - Production	\$145	\$261
AATCC-22 -Initial, after 10 & after 20	FABRIC - Production Additional Color(s)	\$145	\$261
launderings			
TC #040D & 040E WATER	FARRIC Dovolanment	\$27 each	\$64 each
TS #940D & 940E WATER	FABRIC - Development	package	package
REPELLENCY: Spray Test (WR/DWR-Dry clean only	FABRIC - Production	\$27 each	\$64 each
products) AATCC-22		package	package
-Initial & after 1 dry clean	FABRIC - Production	\$27 each	\$64 each
2.2.2.2.2.2.	Additional Color(s)	package	package

PERFORM	1ANCE	ASIA, TURKEY, GUATEMALA, MEXICO (USD)	USA, PORTUGAL (USD)
	FABRIC - Development	\$90	\$158
	FABRIC - Production	\$90	\$158
	FABRIC - Production Additional Color(s)	\$90	\$158
	FABRIC -Development	\$46	\$78
TS #940F WATER REPELLENCY:	FABRIC -Production	\$46	\$78
Spray Test (DWR Plus) AATCC-22 -Initial & after 10 launderings	FABRIC -Production Additional Color(s)	\$46	\$78
	GARMENT -Development	N/A	N/A
	GARMENT -Production	\$46	\$78
	GARMENT -Production Additional Color(s)	N/A	N/A
	FABRIC -Development	\$46	\$78
	FABRIC -Production	\$46	\$78
TS #945 –WATER RESISTANCE; Rain Test (for Customs)	FABRIC -Production Additional Color(s)	\$46	\$78
AATCC-35	GARMENT -Development	N/A	N/A
-Initial	GARMENT -Production	\$46	\$78
	GARMENT -Production Additional Color(s)	N/A	N/A
TS #949 – WATERPROOF	FABRIC - Development	(3K, 5K,10K) 3 launderings & 10 launderings: \$64 (20k) Initial & 10 launderings: \$105	(3K, 5K, 10K) 3 launderings & 10 launderings: \$96 (20k) Initial & 10 launderings: \$222
(JISL-1092) -Initial & after 3 launderings (3K, 5K & 10K) -Initial & 10 launderings (20K)	FABRIC - Production	(3K, 5K,10K) 3 launderings & 10 launderings: \$64 (20k) Initial & 10 launderings: \$105	(3K, 5K, 10K) 3 launderings & 10 launderings: \$96 (20k) Initial & 10 launderings: \$222
	FABRIC - Production Additional Color(s)	3 launderings N/A 10 launderings N/A	3 launderings N/A 10 launderings N/A
TS #950 – BREATHABLE	FABRIC - Development	\$72	\$184
(Laminated/Coated)	FABRIC - Production	\$74	\$184
-Initial	FABRIC - Production Additional Color(s)	N/A	N/A

PERFORM	ASIA, TURKEY, GUATEMALA, MEXICO (USD)	USA, PORTUGAL (USD)	
TS #955 – BREATHABLE	FABRIC - Development	\$30	\$90
(Non-Laminated/Non-Coated)	FABRIC - Production	\$30	\$90
(ASTM-E96) -Initial	FABRIC - Production Additional Color(s)	N/A	N/A
	FABRIC - Development	\$85 each package	\$206 each package
TS #960A WINDPROOF & 960B	FABRIC - Production	\$85 each package	\$206 each package
WIND RESISTANT & 960C Air Permeability for Waterproof	FABRIC - Production Additional Color(s)	N/A	N/A
Fabrics (WE Flux) (ASTM D737) -Initial & after 5 launderings	FABRIC - Development	\$300	\$420
-initial & arter 5 launderings	FABRIC - Production	\$300	\$420
	FABRIC - Production Additional Color(s)	N/A	N/A
TS #961 ELECTRICAL SURFACE	FABRIC – Development-	<mark>\$100</mark>	N/A
RESISTIVITY OF FABRICS	FABRIC - Production	<mark>\$100</mark>	N/A
(ANTI-STATIC) ASTM 76-(HK Lab) -Initial & after 5 launderings	FABRIC - Production Additional Color(s)	N/A	N/A
TS #962 THERMAL	FABRIC - Development	<mark>\$69</mark>	<mark>N/A</mark>
TRANSMITTANCE OF TEXTILE	FABRIC - Production	<mark>\$69</mark>	N/A
MATERIALS (CLO) ASTM 1518 OPT.1Initial (SH/HK/TW Labs)	FABRIC - Production Additional Color(s)	N/A	N/A
TS #963 THERMAL	FABRIC - Development	<mark>\$93</mark>	N/A
REGULATIONS (Qmax)	FABRIC - Production	<mark>\$93</mark>	N/A
FTTS-FA-019 -Initial (HK/TW Labs)	FABRIC - Production Additional Color(s)	N/A	N/A
	FABRIC - Development	\$1050	No capacity
TS #975 IR-FAR INFRARED	FABRIC - Production	\$1050	No capacity
-FTTS-FA-010	FABRIC - Production Additional Color(s)	N/A	N/A

PERFORM	<b>ASIA,</b> TURKEY, GUATEMALA, MEXICO (USD)	USA, PORTUGAL (USD)	
TS #980 ANTIMICROBIAL/	FABRIC - Development	\$110	\$300
ANTIBACTERIAL –AATCC 147 at	FABRIC - Production	\$110	\$300
Initial State	FABRIC - Production Additional Color(s)	N/A	N/A
TS #980 ANTIMICROBIAL/	FABRIC - Development	\$235	\$466
ANTIBACTERIAL –AATCC 100 at	FABRIC - Production	\$235	\$466
Initial State	FABRIC - Production Additional Color(s)	N/A	N/A
TS #980 ANTIMICROBIAL/	FABRIC - Development	\$155	\$300
ANTIBACTERIAL – ASTM E2149	FABRIC - Production	\$155	\$300
at Initial State	FABRIC - Production Additional Color(s)	N/A	N/A
TS #980 ANTIMICROBIAL/ ANTIBACTERIAL –AATCC 147 at	FABRIC - Development	\$232	\$325
Initial State & x20 Home Laundering	FABRIC - Production	\$232	\$325
Laundering	FABRIC - Production Additional Color(s)	N/A	N/A
TS #980 ANTIMICROBIAL/	FABRIC - Development	\$538	\$968
ANTIBACTERIAL -AATCC 100 at	FABRIC - Production	\$538	\$968
Initial State & x20 Home Laundering	FABRIC - Production Additional Color(s)	N/A	N/A
TS #980 ANTIMICROBIAL/	FABRIC - Development	\$378	\$680
ANTIBACTERIAL -ASTM E2149 at	FABRIC - Production	\$378	\$680
Initial State & x20 Home Laundering	FABRIC - Production Additional Color(s)	N/A	N/A
TS #981 DEODORIZINGZING	FABRIC - Development	<mark>\$466</mark>	N/A
Initial per sample Sweat Odor	FABRIC - Production	<mark>\$466</mark>	N/A
(HK/TW Labs)	FABRIC - Production Additional Color(s)	N/A	N/A
TS #981 DEODORIZINGZING	FABRIC - Development	<mark>\$653</mark>	N/A
Initial per sample Body Odor	FABRIC - Production	<mark>\$653</mark>	N/A
(HK/TW Labs)	FABRIC - Production Additional Color(s)	N/A	N/A

PERFORM	<b>ASIA,</b> TURKEY, GUATEMALA, MEXICO (USD)	USA, PORTUGAL (USD)	
	FABRIC - Development	\$450	No capability
TS #985 ODOR CONTROL ODOR	FABRIC - Production	\$450	No capability
CONTROL	FABRIC - Production Additional Color(s)	N/A	N/A
	GARMENT -Development	N/A	No Capability
	GARMENT -Production	\$450	No Capability
	GARMENT -Production Additional Color(s)	N/A	N/A
TO WOOD OOL LA OFFI OFFI OFFI OF	FABRIC - Development	<mark>\$267</mark>	N/A
TS #986 COLLAGEN-SENSITIVE	FABRIC - Production	<mark>\$267</mark>	N/A
SKIN Initial per sample (TW Labs)	FABRIC - Production Additional Color(s)	N/A	N/A
TS #987 PROTECTION AGAINST	FABRIC - Development	<mark>\$214</mark>	N/A
FREE RADICALS Initial per	FABRIC - Production	<mark>\$214</mark>	N/A
sample (TW Labs)	FABRIC - Production Additional Color(s)	<mark>N/A</mark>	N/A
TS #990 DOWNPROOF	FABRIC - Development	\$327	No Capability
(BV Shanghai & Hong Kong only)	FABRIC - Production	\$327	No Capability
-International Rotating Box (650 & 800 Fill Power) Initial & after 3 launderings -Air Permeability (Initial & after 3 launderings)	FABRIC - Production Additional Color(s)	\$327	No Capability
	FABRIC - Development	\$112	No Capability
TS #995 FIBERPROOF	FABRIC - Production	\$112	No Capability
-Air Permeability	FABRIC - Production Additional Color(s)	\$112	No Capability

- 1. Package price includes fiber content test of 2 fibers by chemical method. Additional charge is required for more fiber or if microscopic method is required.
- 2. Package price includes 1 care instruction and 1 testing for each test item.
- 3. Package price excludes formaldehyde JIS-L 1041 and other 'applicable tests'. Please refer to the additional charge to the test package as per individual pricing spreadsheet.
- 4. Minimum charge per report issue is USD 35 (maximum) for Asia, Guatemala, Mexico, Turkey and Portugal, and minimum charge per invoice in the US is USD200.
- 5. Regular service is 5 working days, express service (3 working days), surcharge is 40%, shuttle service (1 working day), surcharge is 100%.

# ITS INDEPENDENT LAB INDIVIDUAL TEST COSTING:

			U. S Dollars	(\$)		
	Asia, Turkey, Guatemala, Mexico Net Price (USD)		USA Net Price (USD)		Portugal Net Price (USD)	
	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages
TEST	Additional Colorway (Color Test Only) \$40.00		Additional Colorway (Color Test Only) \$50.00		Additional Colorway (Color Test Only) \$50.00	
Fabric Weight / Yield	10.00		16.00		7.70	
Fabric Type / Weave	5.00		10.00		4.00	
Thread Count	5.00		10.00		9.40	
Yarn Size / Yarn Structure	10.00 / 5.00		26.00/ 10.00		16.60	
Thickness	5.00	4.00	10.00	8.00	8.10	8.10
Garment Construction/ Workmanship - Visual	15.00		20.00		9.40	
Chlorine Retention (Bleached, Denims, Indigos)	10.00	7.00	20.00	15.00	15.00	15.00
рН	15.00	10.00	30.00	20.00	10.20	10.20

	U. S Dollars (\$)						
	Asia, Turkey, Gua Net Price		USA Net Price (USD)		Portugal Net Price (USD)		
	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages	
TEST	Additional (Color Test O	-		l Colorway Only) \$50.00		al Colorway t Only) \$50.00	
Fiber Contents, Chemical	15.00/Fiber	13.00/ Fiber	45.00/ Fiber	40.00/ Fiber	16.20/ Fiber	16.20/ Fiber	
Fiber Contents, Microscopical	85.00 1 Fiber 65.00 Each Add'l	70.00 1 Fiber 55.00 Each Add'l	195.00 1 Fiber 60.00 Each Add'l	195.00 1 Fiber 60.00 Each Add'l	75.00 1 Fiber 75.00 Each Add'l	75.00 1 Fiber 75.00 Each Add'l	
Stretch & Recovery	25.00	25.00	35.00	35.00	28.30	28.30	
Tear Strength (Length / Width)	10.00	15.00	30.00	30.00 for Tear & Tensile	12.30	12.30	
Tensile Strength (Length / Width)	10.00	20.00	30.00		15.30	15.30	
Seam Slippage	15.00	15.00	35.00		16.50		
Seam Strength	8.00/Seam		15.00/ Seam		16.60		
Bursting Strength	15.00		25.00		13.60		
Seam Stretchability	8.00/Seam		15.00/ Seam		16.60		
Abrasion Resistance ASTM D3886	20.00	10.00	30.00	15.00	25.90	25.90	
Static Extension Stretch Fabrics	25.00	18.00	40.00	30.00	28.30	28.30	
Air Permeability	30.00	30.00	75.00	40.00	75.00	40.00	
Wickability	40.00		70.00		70.00		
Oil Repellency: Initial & After 5 Washes	75.00		130.00		130.00		

			U. S Dollar	rs (\$)		
	Asia, Turkey, Mes Net Pric	кісо		USA rice (USD)	Portug Net Price	
	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additio nal Charges to Test Packag es
TEST	Additional Colorway (Color Test Only) \$40.00			al Colorway t Only) \$50.00	Additional C (Color Test \$50.0	olorway : Only)
Button Impact Resistance	15.00		35.00		35.00	
Button/Snap Testing - Attachment Strength	20.00		30.00		20.80	
Dimensional Stability: 3 Washes / 5 Washes	25.00 / 40.00		50.00/ 60.00		28.00/39.00	
1 Dry cleanings/ 3 Dry cleanings- (Commercial)	24.00/61.00		69.00/ 101.00		17.00/50.90	
Bonded Knit Fabrics- After 5 Washes Dimensional Stability, Bond Strength	40.00/20.00	40.00	65.00/ 30.00		81.20/36.90	
Wrinkle-Free Appearance (5 Washes)-Fabric/se am/ crease	25.00	20.00	45.00 Garment/4 0.00 Fabric	30.00	45.30	45.30
Effects of Home Washing (3 / 5 Washes) Effects of Dry Cleaning 1 Cycles	20.00 / 35.00 40.00		40.00/ 55.00/ 55.00		43.60/ 63.00/24.20	

		U. S Dollars (\$)					
	Asia, Turkey, Guatemala, Mexico Net Price (USD)		USA Net Price (USD)		Portugal Net Price (USD)		
	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages	
TEST	Additional Co (Color Test On			l Colorway Only) \$50.00	Additional (Color Test O	-	
Elastomeric Pilling (Pile Retention)	20.00		35.00		35.00		
Random Tumble Pilling	20.00		35.00		32.30		
ICI Pilling	20.00		60.00		13.60		
Twist Per Inch (TPI)	15.00		35.00		15.20		
Rain Test Original/After 3 Wash or Dry Clean	46.00/62.00		78.00/ 112.00		78.00/ 112.00		
Skewness Change- Twills & Denims Only	25.00		40.00		15.20		
Garment Twist (Initial)	13.00		30.00		15.20		
Garment Twist (after x3HL)	37.00		74.00		34.60		
Horizontal Displacement (Initial)	15.00		74.00		74.00		
Horizontal Displacement (x3HL)	39.00		107.00		107.00		
Colorfastness to Crocking (Dry / Wet)	10.00		25.00		10.20		

	Asia, Turkey, Guatemala, Mexico Net Price (USD)		USA Net Price (USD)		Portugal Net Price (USD)	
	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages
TEST		il Colorway Only) \$40.00		l Colorway Only) \$36.00		l Colorway Only) \$50.00
Colorfastness to Light - 20 Hours AFU	15.00	10.00	25.00	15.00	26.40	26.40
Colorfastness to Light - 40 Hours AFU	30.00		50.00		50.00	
Colorfastness to Sea Water	10.00		20.00		10.20	
Colorfastness to Ozone-1 Cycle-Bleached, Denim, Indigo	20.00	15.00	35.00		26.30	
Colorfastness to Burnt Gas Fumes-Acetates or Bleached	20.00	15.00	35.00		32.30	
Colorfastness to Chlorinated Pool Water	15.00		30.00		11.10	
Colorfastness to Water (Static Wetting)	10.00		20.00		10.20	
Colorfastness to Perspiration	10.00		20.00		20.40	
Colorfastness to Cross Staining	10.00		20.00		10.20	
Colorfastness to Repeated Home Launderings	20.00		30.00		10.20	

	Asia, Turkey, Guatemala, Mexico Net Price (USD)		USA Net Price (USD)		Portugal Net Price (USD)	
	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages
TEST	Additional (Color Test C		Additional (Color Test C	-		l Colorway Only) \$50.00
Colorfastness to Accelerated Laundering AATCC 61	10.00	10.00	20.00	20.00	10.20	10.20
Colorfastness to Dry Cleaning	20.00		25.00		11.50	
Colorfastness to Chlorine Bleach	10.00		15.00		11.90	
Colorfastness to Non-Chlorine Bleach	10.00		15.00		10.20	
Flammability- General US Apparel (16 CFR Part 1610)	30.00	30.00	75.00	40.00	32.30	32.30
Flammability- General Canada Textile Flammability Regulations SOR/2016-194, CAN/CGSB 4.2 no. 27.5-2008	30.00	30.00	75.00	40.00	32.30	32.30
Flammability- Children's Sleepwear (Excludes 50 Washes) (16 CFR Part 1615/1616)	75.00		85.00		132.80	
Analysis of Banned AZO Dyes	65.00		105.00		46.20	

		uatemala, Mexico ice (USD)		SA ce (USD)	Portugal Net Price (USD)	
	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages
TEST		al Colorway Only) \$40.00		l Colorway Only) \$36.00		l Colorway Only) \$50.00
Nickel Spot / Nickel Release	10.00 / 60.00		20.00/75.0		20.30/81.3	
Nickel Release (By simulation of wear & corrosion)	75.00		95.00		132.80	
Lead Content CPSC/ASTM D 3335	22.00		50.00/color		18.60/color	
Formaldehyde Detection - Spot (MTL Method)	10.00		25.00		17.80	
Formaldehyde Detection -Complete (JIS 1041)	35.00		75.00		25.90	
Water Repellency (AATCC 22) (As Received)	15.00	12.00	25.00	20.00	28.90	28.90
Absorbency (AATCC 79) (As Received)	12.00	10.00	40.00	35.00	20.00	20.00
Waterproof Breathable (ASTM D751) (As Received)	50.00	50.00	110.00	110.00	110.00	110.00
Anti-pilling (ASTM D3512)	15.00	12.00	35.00	30.00	32.30	32.30
Soil Release (AATCC 130)	20.00	18.00	50.00	40.00	61.00	61.00
Snagging Resistance(ASTM D3939)	29.00 (for one side only)	27.00 (for one side only)	64.00	60.00	56.60	56.60

	Asia, Turkey, Guatemala, Mexico Net Price (USD)		USA Net Price (USD)		Portugal Net Price (USD)	
	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages	Individual Test Charges	Additional Charges to Test Packages
TEST	Additional Colorway (Color Test Only) \$40.00		Additional Colorway (Color Test Only) \$36.00		Additional Colorway (Color Test Only) \$50.00	
Snagging Resistance(ASTM D5362)	38.00	36.00	64.00	60.00	64.00	60.00
Shear & Peel Strength for Hook & Loop	65.00	63.00	92.00	88.00	92.00	88.00
Downproof (initial)	70.00		No capability	No capability	No capability	No capability
DuPont Water Drop Test (as received)	25.00		40.00	25.00	40.00	25.00
Colorfastness to Dye Transfer (AATCC 163)	25.00		35.00	15.00	35.00	15.00

- 1. Minimum charge per report issue is USD35 (maximum) for Asia, Guatemala, Turkey and Portugal, and minimum charge per invoice in the US is USD200.
- 2. Regular service is 5 working days, express service (3 working days) surcharge is 40%, shuttle service (1 working day) is 100% surcharge.