



BUREAU VERITAS

# Test Report: (6818)311-0176 J. C. PENNEY PURCHASING CORPORATION

Received Date: November 07, 2018  
Report Date: November 11, 2018

# PASS

**SUBMITTER**

FOUR H FASHIONS LTD.



**STYLE NUMBER**

/

**PRODUCT DESCRIPTION**

All over lace thong

**EXECUTIVE SUMMARY**

The submitted sample(s) MEET all the tested requirement(s).

**REMARKS**

/

**TECHNICAL QUESTIONS**

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**SIGNATURES BUREAU VERITAS**

CONSUMER PRODUCTS SERVICE (BANGLADESH) LTD.

ASM Kazi Mostofa Jamal  
Manager, Reporting

**GENERAL INFORMATION**

Khondoker Sakib Ul Alam  
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Email: [khondoker.sakibul@bd.bureauveritas.com](mailto:khondoker.sakibul@bd.bureauveritas.com)



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<b>PRODUCT PACKAGE NO.</b>	181409
<b>JCP SUBDIVISION NO.</b>	213
<b>LOT NO.</b>	3000, 3108
<b>NO. OF WORKING DAY</b>	3
<b>REPORT EXPIRATION DATE</b>	Nov 11, 2019
<b>BRAND NAME</b>	FLIRTITUDE
<b>COLOR SUBMITTED</b>	A: GRAFFITI WALK, B: CORAL ESCAPE
<b>COUNTRY OF ORIGIN</b>	BANGLADESH
<b>PHASE</b>	FABRIC
<b>MILL FABRIC / FLS ID</b>	L1908
<b>SEASON / YEAR</b>	SPRING / 2019
<b>MILL NAME</b>	Fujian Bailong
<b>MILL NO.</b>	M
<b>SUPPLIER NAME</b>	FOUR H FASHIONS LTD.
<b>SUPPLIER NO.</b>	762328
<b>FACTORY NAME</b>	NAFISA APPAREL LTD.
<b>FACTORY NO.</b>	F21613
<b>AGE RANGE</b>	Adult Women (Over 12 yrs)
<b>FABRIC WEIGHT</b>	/
<b>GARMENT WEIGHT (SWEATER ONLY)</b>	/
<b>FABRIC COUNT</b>	/
<b>FABRIC TYPE</b>	A: Knit
<b>FABRIC FINISH</b>	/
<b>MATERIAL WEIGHT</b>	/
<b>UPHOLSTERY FABRICS END USE</b>	/
<b>RESIN ADDED</b>	/
<b>TRIM / COMPONENT MATERIAL CONTENT</b>	/
<b>ITEM NO.</b>	2133000
<b>PROTOCOL STAR LEVEL</b>	/
<b>RETEST</b>	No



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<b>SPECIAL CLAIM(S) FOR HANGTAG &amp; PERFORMANCE</b>	NONE
<b>PROTOCOL(S) USED</b>	JCPY-SL-PTCL-00501-USA-ADDITIONAL COLOR FOR APPAREL FABRIC-V32, JCPY-SL-PTCL-00503.01-USA-KNIT OR WOVEN UNDERGARMENT (EXCLUDING BRAS & SHAPEWEAR) FABRIC ADULT AND CHILDREN-V31
<b>SUPPORTING DOCUMENT FOR CLAIM(S)</b>	NO
<b>PREVIOUS FPU / PROTOTYPE SEAM REPORT # (FOR GPU TESTING)</b>	/
<b>SUBMITTED SAMPLE SIZE</b>	A: 02 yds each color., B: 02 yds each color.
<b>PRODUCT TYPE</b>	APPAREL
<b>TEST REQUESTED</b>	Full Package (Sample: A), Additional Color (Sample: B)
<b>PREVIOUS REPORT NO.</b>	/
<b>FULL PACKAGE FABRIC REPORT NO.</b>	/
<b>FULL PACKAGE PRODUCTION REPORT NO.</b>	/
<b>SUPPLIER / MILL REPORT NO. (IF AVAILABLE FROM ACCREDITED SUPPLIER / MILL)</b>	/
<b>SUBMITTED FIBER CONTENT</b>	A: 90% Nylon 10% Spandex (As per TRF)
<b>ACTUAL FIBER CONTENT</b>	A: 88.8% Nylon 11.2% Spandex
<b>SUGGESTED FIBER CONTENT</b>	A: 90% Nylon 10% Spandex (Pending garment review)
<b>SUBMITTED CARE INSTRUCTION(S)</b>	Hand wash cold, Do not bleach, Line dry, Do not iron. (As per TRF)
<b>TARGETED CARE INSTRUCTION(S)</b>	/
<b>SUGGESTED CARE INSTRUCTION(S)</b>	Sample-A: Hand wash cold, Do not bleach, Line dry, Do not iron. (Pending garment review) Note Sample-B: Care label is not recommended due to additional colorway package.
<b>REVISION REASON</b>	/



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## TEST RESULTS FOR ALL OVER LACE THONG

TESTED PROPERTY	REQUIREMENTS	RESULTS	RATING
<b>Formaldehyde in textile (JIS L1041:2011 )</b>			
	JCPY-SL-501-USA-V32,JCPY-SL-503.01-USA-V31 Per client, fabric(s) & trim(s) that come into skin contact shall not exceed 1 of below formaldehyde limits: - Infant & children age =3 (Abs 0.05); or - Others (75 mg/kg)	Meet	PASS

Test Item(s)	Test Item / Test Component Description(s)	Location(s)	Style(s)
I001	Black/white lace fabric(Graffiti walk)	--	A
I002	Pink lace fabric(coral escape)	--	B

Test Item(s)	Type(s)	Unit(s)	Req.	Result(s)	Conclusion
I001	II	mg/kg	75	Not Detected	Pass
I002	II	mg/kg	75	Not Detected	Pass



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TESTED PROPERTY	REQUIREMENTS	RESULTS	RATING
<b>Flammability of clothing textiles (16 CFR 1610)</b>			
Criteria	JCPY-SL-503.01-USA-V31 (All colors) Class 1		PASS
<b>Graffiti Walk</b>			
Classification	<p>IF SAMPLE FALLS UNDER SPECIFIC EXEMPTIONS AS LISTED BELOW, THE REPORT SHOULD BE RATED AS A PASS AND THE SPECIFIC EXEMPTION SHOULD BE NOTED IN THE REPORT.</p> <p>EXEMPT DUE TO FABRIC WEIGHT: PLAIN SURFACE WITH &gt;2.6 OZ/SQ. YD. THE SUBMITTED SAMPLE(S) IS(ARE) EXEMPT FROM FLAMMABILITY TESTING IN ACCORDANCE WITH 16 CFR 1610.1(D) WHICH STATES:</p> <p>SPECIFIC EXEMPTIONS</p> <p>EXPERIENCE GAINED FROM YEARS OF TESTING IN ACCORDANCE WITH THE STANDARD DEMONSTRATES THAT CERTAIN FABRICS CONSISTENTLY YIELD ACCEPTABLE RESULTS WHEN TESTED IN ACCORDANCE WITH THE STANDARD. THEREFORE, PERSONS AND FIRMS ISSUING AN INITIAL GUARANTY OF ANY OF THE FOLLOWING TYPES OF FABRICS, OR OF PRODUCTS MADE ENTIRELY FROM ONE OR MORE OF THESE FABRICS ARE EXEMPT FROM ANY REQUIREMENT FOR TESTING TO SUPPORT GUARANTIES OF THOSE FABRICS.</p> <p>1. PLAIN SURFACE FABRICS, REGARDLESS OF FIBER CONTENT, WEIGHING 2.6 OUNCES PER SQUARE YARD OR MORE; AND</p> <p>2. ALL FABRICS, BOTH PLAIN SURFACE AND RAISED-FIBER SURFACE, REGARDLESS OF WEIGHT, MADE ENTIRELY FROM ANY OF THE FOLLOWING FIBERS OR ENTIRELY FROM COMBINATION OF THE FOLLOWING FIBERS: ACRYLIC, MODACRYLIC, NYLON, OLEFIN, POLYESTER, WOOL.</p>		
Criteria	JCPY-SL-501-USA-V32 (All colors) Class 1		
<b>Coral Escape</b>			
Classification	<p>IF SAMPLE FALLS UNDER SPECIFIC EXEMPTIONS AS LISTED BELOW, THE REPORT SHOULD BE RATED AS A PASS AND THE SPECIFIC EXEMPTION SHOULD BE NOTED IN THE REPORT.</p> <p>EXEMPT DUE TO FABRIC WEIGHT: PLAIN SURFACE WITH &gt;2.6 OZ/SQ. YD. THE SUBMITTED SAMPLE(S) IS(ARE) EXEMPT FROM FLAMMABILITY TESTING IN ACCORDANCE WITH 16 CFR 1610.1(D) WHICH STATES:</p> <p>SPECIFIC EXEMPTIONS</p> <p>EXPERIENCE GAINED FROM YEARS OF TESTING IN ACCORDANCE WITH THE STANDARD DEMONSTRATES THAT CERTAIN FABRICS CONSISTENTLY YIELD ACCEPTABLE RESULTS WHEN TESTED IN ACCORDANCE WITH THE STANDARD. THEREFORE, PERSONS AND FIRMS ISSUING AN INITIAL GUARANTY OF ANY OF THE FOLLOWING TYPES OF FABRICS, OR OF PRODUCTS MADE ENTIRELY FROM ONE OR MORE OF THESE FABRICS ARE EXEMPT FROM ANY REQUIREMENT FOR TESTING TO SUPPORT GUARANTIES OF THOSE FABRICS.</p> <p>1. PLAIN SURFACE FABRICS, REGARDLESS OF FIBER CONTENT, WEIGHING 2.6 OUNCES PER SQUARE YARD OR MORE; AND</p> <p>2. ALL FABRICS, BOTH PLAIN SURFACE AND RAISED-FIBER SURFACE, REGARDLESS OF WEIGHT, MADE ENTIRELY FROM ANY OF THE FOLLOWING FIBERS OR ENTIRELY FROM COMBINATION OF THE FOLLOWING FIBERS: ACRYLIC, MODACRYLIC, NYLON, OLEFIN, POLYESTER, WOOL.</p>		



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TESTED PROPERTY	REQUIREMENTS	RESULTS	RATING
<b>Fabric count of knit fabric</b> (ASTM D3887-96 R2008 sec 12)			
<b>Graffiti Walk</b>			DATA
Wales	JCPY-SL-503.01-USA-V31 -5 to 5 %	N/A (due to complexity Of the fabric Structure)	
Courses	-5 to 5 %	N/A (due to complexity Of the fabric Structure)	
<b>Fabric weight</b> (ASTM D3776-09a (R2017))			
Option C			
<b>Graffiti Walk</b>			DATA
Fabric weight (oz/yd <sup>2</sup> )	JCPY-SL-503.01-USA-V31 -5 to 10 % (Not Claim)	3.55 oz/yd <sup>2</sup>	
Fabric weight (g/m <sup>2</sup> )	-5 to 10 % (Not Claim)	120 g/m <sup>2</sup>	
<b>Fiber content analysis</b> (AATCC 20-13/AATCC 20A-17)			
ASTM D1909 Moisture Regains Applied			PASS
<b>Graffiti Walk</b>			
Submitted	JCPY-SL-503.01-USA-V31	90% Nylon 10% Spandex (As per TRF)	
Lab analysis	+/- 3% tolerance for Blend	88.8% NYLON 11.2% SPANDEX	
Remarks: The labeled fiber content for the submitted sample is recommended as		90% Nylon 10%Spandex (Pending garment review)	
<b>Fabric weight</b> (ASTM D3776-09a (R2017))			
Option C			
<b>Coral Escape</b>			DATA
Fabric weight (oz/yd <sup>2</sup> )	JCPY-SL-501-USA-V32 -5 to 10 % (Not Claim)	3.67 oz/yd <sup>2</sup>	
Fabric weight (g/m <sup>2</sup> )	-5 to 10 % (Not Claim)	124 g/m <sup>2</sup>	



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TESTED PROPERTY	REQUIREMENTS	RESULTS	RATING
<b>Appearance after care</b> (CPSD-SL-31055-MTHD)			
Subjective, Hand Wash Cold, Line Dry, After 1 Wash			PASS
<b>Graffiti Walk</b>			
Color Change	JCPY-SL-503.01-USA-V31 Min. Grade 3 (With UV suppressor)	Grade 4 With UV suppressor	
Self Staining	Min. Grade 4	Grade 4.5	
Color Staining On Acetate	Min. Grade 3	Grade 4.5	
Color Staining On Cotton		Grade 4.5	
Color Staining On Nylon		Grade 4.5	
Color Staining On Polyester		Grade 4.5	
Color Staining On Acrylic		Grade 4.5	
Color Staining On Wool		Grade 4.5	
Pilling		Grade 4	
Any Observed Defects		Satisfactory	Overall appearance: satisfactory

### Remark(s):

A:Ironing Statement Is Not Verified In This Report.

## Stretch properties of knitted fabrics

 (ASTM D2594-04 (R2016))

Use 5 lbs load			PASS
<b>Graffiti Walk</b>			
Wale - Fabric Stretch	JCPY-SL-503.01-USA-V31 For reference	82.6 %	
Wale - Fabric Growth (%) - After 60 Sec.	For reference	4.0 %	
Wale - Fabric Recovery (%) - After 60 Sec.	Min. 85 %	88.6 %	



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TESTED PROPERTY	REQUIREMENTS	RESULTS	RATING
<b>Appearance after care (CPSD-SL-31055-MTHD)</b>			
Subjective, Hand Wash Cold, Line Dry, After 1 Wash			PASS
<b>Coral Escape</b>			
Color Change	JCPY-SL-501-USA-V32 Min. Grade 3 (With UV suppressor)	Grade 4 With UV suppressor	
Self Staining	Min. Grade 4	/	
Color Staining On Acetate	Min. Grade 3	Grade 4.5	
Color Staining On Cotton		Grade 4.5	
Color Staining On Nylon		Grade 4.5	
Color Staining On Polyester		Grade 4.5	
Color Staining On Acrylic		Grade 4.5	
Color Staining On Wool		Grade 4.5	
Pilling		Grade 4	
Any Observed Defects		Satisfactory	

### Remark(s):

B:Ironing Statement Is Not Verified In This Report.

## Bursting strength of textile fabrics: diaphragm method (ASTM D3786-18)

<b>Graffiti Walk</b>			PASS
Bursting strength	JCPY-SL-503.01-USA-V31 Min. 15 psi	30 psi	

## Dimensional changes on handwash (CPSD-SL-31042-MTHD)

Woolite Detergent, 1 Wash, At 27 Degree Celsius (80 Fahrenheit Temp), Line Dry				PASS
<b>Graffiti Walk</b>				
			<b>Dimensional Change(%)</b>	
<b>Lengthwise</b>	JCPY-SL-503.01-USA-V31 Dimensional Change -6 to 2 %		-2.0	
<b>Widthwise</b>			0.0	





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<b>Colorfastness to laundering: accelerated (AATCC 61-13)</b>			
Test No. 2a, Multifibers no.10			PASS
<b>Graffiti Walk</b>			
Color change	JCPY-SL-503.01-USA-V31 Min. Grade 3	Grade 4.0	
Self Staining	Min. Grade 4	Grade 4.0	
Color Staining On Acetate	Min. Grade 3	Grade 4.5	
Color Staining On Cotton		Grade 4.5	
Color Staining On Nylon		Grade 4.5	
Color Staining On Polyester		Grade 4.5	
Color Staining On Acrylic		Grade 4.5	
Color Staining On Wool		Grade 4.5	
<b>Quick method for colorfastness to non-chlorine bleach (AATCC/ASTM TS-001)</b>			
<b>Graffiti Walk</b>			NOT TESTED
Color Change (Peroxide)	JCPY-SL-503.01-USA-V31 Min. Grade 4	NOT TESTED	
Color Change (Perborate)		NOT TESTED	
<b>Coral Escape</b>			
Color Change (Peroxide)	JCPY-SL-501-USA-V32 Min. Grade 4	NOT TESTED	
Color Change (Perborate)		NOT TESTED	



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<b>Colorfastness to perspiration (AATCC 15-13)</b>				
AATCC Gray Scale, Multifiber No.10			PASS	
<b>Graffiti Walk</b>				
Color Change	JCPY-SL-503.01-USA-V31 Min. Grade 3.5	Grade 4.5		
Self Staining	Min. Grade 4.5	Grade 4.5		
Color Staining On Acetate	Min. Grade 3	Grade 4.5		
Color Staining On Cotton		Grade 4.5		
Color Staining On Nylon		Grade 4.5		
Color Staining On Polyester		Grade 4.5		
Color Staining On Acrylic		Grade 4.5		
Color Staining On Wool		Grade 4.5		
<b>Coral Escape</b>				
Color Change		JCPY-SL-501-USA-V32 Min. Grade 3.5		Grade 4.5
Self Staining	Min. Grade 4.5	/		
Color Staining On Acetate	Min. Grade 3	Grade 4.5		
Color Staining On Cotton		Grade 4.5		
Color Staining On Nylon		Grade 4.5		
Color Staining On Polyester		Grade 4.5		
Color Staining On Acrylic		Grade 4.5		
Color Staining On Wool		Grade 4.5		
<b>Quick method for colorfastness to chlorine bleach (AATCC/ASTM TS-001)</b>				
<b>Graffiti Walk</b>			NOT TESTED	
Color Change	JCPY-SL-503.01-USA-V31 Min. Grade 4	NOT TESTED		
<b>Coral Escape</b>				
Color Change	JCPY-SL-501-USA-V32 Min. Grade 4	NOT TESTED		



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<b>Colorfastness to laundering: accelerated (AATCC 61-13)</b>			
Test No. 2a, Multifibers no.10			PASS
<b>Coral Escape</b>			
Color change	JCPY-SL-501-USA-V32 Min. Grade 3	Grade 4.5	
Self Staining	Min. Grade 4	/	
Color Staining On Acetate	Min. Grade 3	Grade 4.5	
Color Staining On Cotton		Grade 4.5	
Color Staining On Nylon		Grade 4.5	
Color Staining On Polyester		Grade 4.5	
Color Staining On Acrylic		Grade 4.5	
Color Staining On Wool		Grade 4.5	

<b>Colorfastness to crocking (AATCC 8-16)</b>			
<b>Graffiti Walk</b>			PASS
Color staining-dry	JCPY-SL-503.01-USA-V31 Min. Grade 3	Grade 4.5	
Color staining-wet	Min. Grade 2.5	Grade 4.5	
<b>Coral Escape</b>			
Color staining-dry	JCPY-SL-501-USA-V32 Min. Grade 4	Grade 4.5	
Color staining-wet	Min. Grade 3	Grade 4.5	

<b>Colorfastness Rating</b>	
Color Change	Color Stain / Self Staining
5 - Negligible or No Change	5 - Negligible or No Staining
4 - Slightly Changed	4 - Slightly Stained
3 - Noticeably Changed	3 - Noticeably Stained
2 - Considerably Changed	2 - Considerably Stained
1 - Much Changed	1 - Heavily Stained

END OF REPORT