

SPECTOR & CO LTD TEST REPORT

Technical Report: (8517)189-0573(Revised)

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JUL 21, 2017





**BUREAU
VERITAS**

SPECTOR & CO LTD TEST REPORT

TO : SPECTOR & CO LTD
5700 KIERNA ROAD MONTREAL QC H4S 2B5/CANADA

ATTN: CHRIS PEARSON
CC:

LAB NO.: **(8517)189-0573(Revised)**
FORM NO.: F0397255.506118178257
DATE IN: JUL 11, 2017
MODIFIED DATE IN: /
DATE OUT: JUL 21, 2017
NO. OF WORKING DAYS: 9
REVISED DATE: **DEC 11, 2017**
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OVERALL RATING

PASS _____ **X**
FAIL _____
DATA _____

Sample Description:	NOMAD MUST HAVE MESSENGER		
Style No.:	BG4000GRY HEATHER GREY	No. of Cartons:	/
Item No.:	/	No. of Samples:	/
Country of Origin:	CHINA	Country of Destination:	CANADA/USA
Lot No.:	/	P.O. No.:	69584
Previous Report No.:	/		



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COMMENTS:

1. The submitted sample(s) meet client's phthalates content requirement as follow: **(PASS)**

Phthalates Content –As Client's Requirement for 8P Content

Parameter	CAS no.	Unit	Result			Maximum Allowable Limit
			1	2	3	
Dibutyl phthalate (DBP)	84-74-2	%	<0.005	<0.005	<0.005	0.1
Butyl benzyl phthalate (BBP)	85-68-7	%	<0.005	<0.005	<0.005	0.1
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	<0.005	<0.005	<0.005	0.1
Di-n-octyl phthalate (DNOP)	117-84-0	%	<0.005	<0.005	<0.005	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	<0.005	<0.005	<0.005	0.1
Di-iso-decyl phthalate (DIDP)	26761-40-0	%	<0.005	<0.005	<0.005	0.1
Di-n-hexyl (DnHP)	84-75-3	%	<0.005	<0.005	<0.005	0.1
Diethyl phthalate (DEP)	84-66-2	%	<0.005	<0.005	<0.005	0.1
Conclusion	⌋	⌋	PASS	PASS	PASS	⌋

Parameter	CAS no.	Unit	Result			Maximum Allowable Limit
			4	5	6	
Dibutyl phthalate (DBP)	84-74-2	%	<0.005	<0.005	<0.005	0.1
Butyl benzyl phthalate (BBP)	85-68-7	%	<0.005	<0.005	<0.005	0.1
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	<0.005	<0.005	<0.005	0.1
Di-n-octyl phthalate (DNOP)	117-84-0	%	<0.005	<0.005	<0.005	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	<0.005	<0.005	<0.005	0.1
Di-iso-decyl phthalate (DIDP)	26761-40-0	%	<0.005	<0.005	<0.005	0.1
Di-n-hexyl (DnHP)	84-75-3	%	<0.005	<0.005	<0.005	0.1
Diethyl phthalate (DEP)	84-66-2	%	<0.005	<0.005	<0.005	0.1
Conclusion	⌋	⌋	PASS	PASS	PASS	⌋

Test Item 1:	Black, white coatings (sewn label)/ bright black coating (zipper head)
Test Item 2:	Black PVC (belt)/ grey fabric, black PVC backing (shell)
Test Item 3:	Dull black plastic (zipper teeth)
Test Item 4:	Matt black fabric, black, grey thread (belt)/ bright black fabric (rim of inner)
Test Item 5:	Black fabric (zipper band)/ dull black fabric (elastic band)/ white fabric (sewn label)
Test Item 6:	Soft black net fabric (pocket)/ black printed white fabric (lining)

Note: "<" = less than

Method: Sample was extracted with organic solvent and then analyzed by Liquid Chromatograph Mass Spectrometer / Gas Chromatograph Mass Spectrometer.

2. The submitted sample(s) demonstrated **SATISFACTORY** level of total lead content as the lead content in surface coating comply with the requirement. **(PASS)**

TOTAL LEAD CONTENT IN SURFACE COATING

Consumer Product Safety Improvement Act (CPSIA) of 2008 "Ban of Lead-containing paint and certain consumer products bearing Lead-containing paint",

Canadian Hazardous Products Act (CHPA), R.S., c. H-3, Schedule I, Part 1, Item 2

Client's total lead in surface coating

NO COMPOSITE COMPOSITE



5	Soft black net fabric	Pocket	All	<10	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
	Black printed white fabric	Lining	All		<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL
6	Silvery plated metal	Big buckle	All	<10	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
7	Silvery plated metal	Slide of big buckle	All	26	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
8	Silvery plated metal	Small buckle	All	25	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
9	Silvery plated metal	Tongue of small buckle	All	22	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
10	Silvery plated metal	Tube of small buckle	All	<10	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
11	Silvery plated metal	Flat rivet of snap	All	15	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
12	Silvery plated metal	Up of snap	All	<10	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
13	Silvery plated metal	Rivet of snap	All	52	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
14	Silvery plated metal	Base if snap	All	70	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
15	Silvery plated metal	Big zipper slide	All	16	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
16	Silvery plated metal	Small zipper slide	All	<10	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
17	Silvery plated metal	Big zipper puller	All	14	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
18	Silvery plated metal	Small zipper puller	All	38	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL

LT = Less Than

mg/kg = milligrams per kilogram (ppm = parts per million)

* = Average of duplicate analyses

4. The submitted sample(s) meet the Total Cadmium Content requirement as follow: **(PASS)**

Total Cadmium Content in substrate As Client's Requirement

Sample Description				Result	Conclusion
Color / Component	Location	Style	(mg/kg)	Limit 75 ppm	
1	Black PVC	Belt	All	<10	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
	Grey fabric, black PVC backing	Shell			<input type="checkbox"/> PASS <input type="checkbox"/> FAIL
2	Dull black plastic	Zipper teeth	All	<10	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
3	Matt black fabric, black, grey thread	Belt	All	<10	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
	Bright black fabric	Rim of inner			<input type="checkbox"/> PASS <input type="checkbox"/> FAIL



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4	Black fabric	Zipper band	All	<10	<input checked="" type="checkbox"/> PASS
	Dull black fabric	Elastic band	All		<input type="checkbox"/> FAIL
	White fabric	Sewn label	All		
5	Soft black net fabric	Pocket	All	<10	<input checked="" type="checkbox"/> PASS
	Black printed white fabric	Lining	All		<input type="checkbox"/> FAIL
6	Silvery plated metal	Big buckle	All	<10	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
7	Silvery plated metal	Slide of big buckle	All	<10	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
8	Silvery plated metal	Small buckle	All	<10	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
9	Silvery plated metal	Tongue of small buckle	All	<10	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
10	Silvery plated metal	Tube of small buckle	All	<10	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
11	Silvery plated metal	Flat rivet of snap	All	<10	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
12	Silvery plated metal	Up of snap	All	<10	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
13	Silvery plated metal	Rivet of snap	All	<10	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
14	Silvery plated metal	Base if snap	All	<10	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
15	Silvery plated metal	Big zipper slide	All	<10	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
16	Silvery plated metal	Small zipper slide	All	<10	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
17	Silvery plated metal	Big zipper puller	All	<10	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
18	Silvery plated metal	Small zipper puller	All	<10	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL

Note: "<" = less than

mg/kg = milligram per kilogram

Method: Sample was digested with acid reference to EPA3051 and then analyzed by Atomic Absorption Spectrophotometer or Inductively Coupled Argon Plasma Spectrometer.

TEST RESULT: PASS

Total Cadmium Content In Coating As Client Requirement

Tested Item	Result	Limit
1	<0.0010% (<10ppm)	0.0075% (75ppm)
2	<0.0010% (<10ppm)	0.0075% (75ppm)

Tested Item 1: Black, white coatings (sewn label) (All)
 Tested Item 2: Bright black coating (zipper head) (All)



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Note: "<" = less than
mg/kg = milligram per kilogram

Method: Sample was digested with acid reference to EPA3051 and then analyzed by Atomic Absorption Spectrophotometer or Inductively Coupled Argon Plasma Spectrometer.

Recommendation(s) For Improvement: /

Remark(s):

1. See enclosed protocol for the test results.
2. As per the request, only the following test(s) was conducted in this test report:
 - Client's 8 phthalates content test
 - Lead content in surface coating test
 - Client's Total Lead Content test
 - Total Cadmium Content test
 - Lead in PVC
 - Performance test under BVCPS protocol 2071(CN) and 2070(US)



NOTE: If there are questions or concerns regarding above report, please contact the appropriate lab persons.

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BUREAU VERITAS SHENZHEN CO., LTD

BRIAN TAM
MANAGER – HARDLINES DIVISION



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Protocol Number	CPSD-HL-02070-USA-3 STAR		Version	32
Protocol Description	BAGS			
Country	United States			
Scope	Applicable to briefcases, computer/reporter bags, sports bags, back packs/rucksack, handbags. (with wheels) Reusable shipping bag refer to CPSD-HL-02078-PTCL.			
Creation Date	05/Aug/2014	Last Revision Date	30/Jun/2017	
Client Approval Date		Approver		
No of Sample	-	1 STAR: 2 2 STAR: 4 3 STAR: 4		
No of Working Days	7			

Keys					
A	Additional Charge For This Test	M	Mandatory	R	Regulatory

	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Results	Rating
SUPPLEMENTARY PROTOCOL								
Note: Additional cost, sample size & TAT may be required if testing to 1 or more supplemental protocol is necessary. Please refer to the below referenced supplemental protocol(s) for additional information.								
A M	California Proposition 65	CPSD-AN-PTCL-06572-USA	The sample should be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required. For samples that fall under the scope of CA Prop 65 requirements with testing limit(s) but does not contain appropriate labeling (refer to image appendix for detail), actual testing will be conducted. Otherwise, actual testing is not required and report as "Pass" if the sample contains appropriate labeling.	X	X	X	NT	/
A	Non-CPSIA requirements	CPSD-AN-PTCL-08443-USA	All samples shall be reviewed against the requirements of Non-CPSIA Requirements supplemental protocol to determine if additional testing or labeling is required.		X	X	NT	/
A	Packaging and Labeling	CPSD-HL-PTCL-09067-CAN-MEX-	The sample shall meet applicable packaging and labeling requirements in the supplemental protocol.	X	X	X	NT	/



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	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Results	Rating
	Requirement	USA						
LABELING								
	Use labeling	CPSD-GB-01057-MTHD	Use/care instructions shall be clear, concise and understandable, provide step-by-step method of use and be provided in language appropriate to destination countries. Provide a copy of the instructions in the report.		X	X	NT	/
A	Claim verification - level 1	CPSD-GB-08612-MTHD	Examine the retail packaging (or submitted artwork). Record each objective (factual) claim which can be substantiated by the testing within the protocols and rate accordingly. Any net quantity/ dimensional claims evaluated in other sections of this protocol need not be recorded. All other claims (subjective and objective) shall not be recorded or evaluated. Applicable to 1 Star only.	X			NT	/
A	Claim verification - level 2	CPSD-GB-08612-MTHD	Examine the retail packaging (or submitted artwork). Record each objective (factual) claim which can be substantiated by the testing within the protocols and rate accordingly. Record testing that extend beyond existing net quantity / dimensional testing on this protocol. Record all other objective (factual) and subjective (opinion) claims as "NT" and rate as "DATA". Record information evaluated between the graphic imagery and the product. Record disclaimers on datasheet. Applicable to 2 Star only		X		NT	/
A	Claim verification - level 3	CPSD-GB-08612-MTHD	Examine the retail packaging (or submitted artwork). Record each objective (factual) claim which can be substantiated by the testing within the protocols and rate accordingly. Additional testing required outside of the protocol shall be approved. Any objective claim not approved by the client shall be recorded as "NT" and rate as "-". If additional testing cannot be conducted due to capability issues, the claims shall be recorded as "NT" and rated as "Data" All subjective (opinion) claims shall be recorded as "Not Tested" and rated as "-". Record information evaluated between the graphic imagery and the product Record disclaimers on datasheet.			X	NT	/
R	Plastic bag warning statement	US Various state laws / CPSD-GB-01073-MTHD	Plastic bags with a thickness of less than 1 mil, in which a diameter is 5 inches or greater (when formed into a circle) used as packaging or packaging article for domestic/household use (e.g. laundry bag, garbage bag) shall contain warning statement similar to below in English: WARNING: To avoid danger of suffocation, keep this bag away from babies and children. Do not use in cribs, beds, carriages or playpens. This bag is not a toy. The warnings shall be printed clearly as to prevent the ink from smearing or upon a gummed label securely attached to the bag. It shall be contrasted by typography, layout or color from the contents of the bag and from other printed matter on the bag, if any. If the total length and width of the bag is more than 40 inches, the warning shall be repeated at	X	X	X	NT	/



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	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Results	Rating
			intervals of 20-inches or less. Except laundry bag, the font size of the warning must adhere to the chart listed below: Total Length and Width of Bag Size of Print 60 inches or more At least 24 points 40 inches to less than 60 inches At least 18 points 25 inches to less than 40 inches At least 14 points Less than 25 inches At least 10 points For laundry bag, the font size of the warning should be at least 36 points.					
R	Labeling review: leather	16 CFR 24	Must conform to guidelines for leather content / general fiber content labeling If all or part of a product is made of non-leather material that appears to be leather, the non-leather material must be disclosed on the retail packaging. The disclosure must be of such conspicuousness and clarity as to be noted by consumers casually inspecting the product. The disclosure must be in close proximity to the product identification. NOTE: A material that contains ground, pulverized, shredded, reconstituted or bonded leather cannot be represented as being wholly leather. Adequate disclosure of these leather types must be present.	X	X	X	NT	/
ANALYTICAL								
A R	Heavy metal in packaging-Doc	Model Toxics in Packaging Legislation of the Toxics in Packaging Clearinghouse (TPCH) / CPSD-GB-00001-MTHD	The sum of concentration levels of lead, cadmium, mercury and hexavalent chromium in packaging or packaging components shall not exceed 100 mg/kg (100 ppm) by weight. In lieu of testing, test report can be submitted if dated within One year.	X	X	X	NT	/
FLAMMABILITY								
R	Solids - Flammability	16 CFR 1500.3(c)(6)(vi) / 16 CFR 1500.44	Shall not exceed the maximum allowable limit of no greater than 0.1 inches per second.	X	X	X	NT	/
PHYSICAL CHARACTERISTICS								



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	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Results	Rating
	Dimensions, weight, counts - product	CPSD-GB-01056-MTHD	Each dimension should be listed and measured as appropriate. Shall meet claim. 1. Overall dimension (per product) 2. Overall weight (per product) 3. Folded dimension 4. Useful dimension (Measurement range, seated height, foot dimension) 5. Counts (Features, design, layers) 6. Material thickness (if claimed)		X	X	NT	/
	Parts inventory	CPSD-GB-01057-MTHD	Shall meet label claims. All listed hardware must be provided.		X	X	NT	/
A	Fiber content analysis	AATCC 20-13/AATCC 20A-14	Blends - Report actual (3% maximum Tolerance - FTC) Single fiber - Report actual (0% Tolerance - FTC)		X	X	NT	/
	Fabric weight	ASTM D3776-09a R2013	Report in both oz./sq. yd. & gm./sq. meter Report actual shall meet label claims ($\pm 5\%$)		X	X	NT	/
	Fabric count of knit fabric	ASTM D3887-96 R2008 sec 12	Report actual shall meet label claims ($\pm 5\%$)		X	X	NT	/
	Fabric count of woven fabric	ASTM D3775-12	Report actual shall meet label claims ($\pm 5\%$)		X	X	NT	/
	Yarn construction	ASTM D1244-98 (R2011)	Report actual. Shall meet label claim.		X	X	NT	/
	Dimensions, weight, counts - features	CPSD-GB-01056-MTHD	Each dimension should be listed and measured as appropriate. Shall meet claim. 1. Overall dimension (per product features) 2. Overall weight (per product features) 3. Folded dimension 4. Useful dimension (Measurement range, seated height, foot dimension) 5. Others (if claimed)			X	NT	/
	Thickness of textile material	ASTM D1777-96 (R2015)	Report actual shall meet label claims ($\pm 5\%$)		X	X	NT	/
WORKMANSHIP								
	Defects and workmanship	CPSD-GB-01057-MTHD	Shall have no discernible surface degradation, including crazing, shivering, denting, bubbles, cracks, stains, deformations, chips, fractures, heavy lines, waves, shear marks, scratches, scuff marks, indentations, or blisters. Shall have no components missing, malformed, and/or fractured.		X	X	NT	/
	Sharp point and sharp edge	16 CFR 1500.48 & 49 (Mod)	Shall have no sharp points / edges, other than those required for function. Modification: Expanded scope to other products.		X	X	NT	/
	Fabric defects	ASTM D3990-12 (R2016)	Visual examination to verify noticeable defects such as missing components, obvious knitting/weaving defects, improper functioning component.		X	X	NT	/
PERFORMANCE								



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	Actual use - functionality	CPSD-GB-01058-MTHD	Shall function as intended as received. Testing is limited to verification of basic function. Only function failures will be reported. NT rating shall be given to product that cannot be tested due to testing cannot be replicated in laboratory conditions.		X	X	M	PASS
	Attachment strength	CPSD-HL-01068-MTHD	Functional: 15 lb for 10 seconds minimum Non-Functional: 8 lb for 10 seconds minimum Sequins, beads, bugles & rhinestones: 4 lb for 10 seconds minimum Note: tested by force gauge		X	X	NA	/
A	Resistance to corrosion	ASTM B117-16 (mod) / CPSD-HL-01010-MTHD	Shall withstand 24 hours in 1% salt spray (fog) with no noticeable oxidation / corrosion / visual changes. Modification: 1% salt spray (fog).			X	M	PASS
	Cycle test	CPSD-GB-01058-MTHD	All movable parts shall have no damage after 100 cycles		X	X	M	PASS
	Humidity exposure	CPSD-HL-01007-MTHD	Should withstand 24 hours at 100 °F and 95%RH with no visual change.			X	M	PASS
	Effects of extreme temperature change	CPSD-HL-01012-MTHD	24 hours at 0 °F and 120 °F - No failure. The sample shall not have any structural failure and visual changes such as cracks, fractures or significant aesthetic changes.			X	M	PASS
	Seam strength	ASTM D1683-11 (Mod)	Side seam: 25 lb / in minimum Bottom seam: 25 lb / in minimum Zipper seam: 25 lb / in minimum Reinforced stress points: 25 lb / in minimum Handle strength at 45°: 25 lb / in minimum Handle strength: 25 lb / in minimum Modification: Expanded scope to other products.		X	X	M	PASS
	Breaking strength of textile fabrics: grab test	ASTM D5034-09 R2013	Minimum 25 lbf Note: Pass / fail base on result of overall fabric break.		X	X	M	PASS
	Holding strength of snap fasteners	ASTM D7142-05 (R2016)	17 lb for 10 seconds		X	X	M	PASS
	Resistance to snapping and unsnapping of	CPSD-SL-31045-MTHD	Minimum 2 lb Maximum 8 lb		X	X	M	PASS



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	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Results	Rating
	snap fasteners							
	Operability of zippers	ASTM D2062-03 R2009	Maximum 5 lbs		X	X	M	PASS
	Strength tests for zippers	ASTM D2061-07 R2013	Cross widthwise strength: 50 lb. minimum. Scoop pull: 10 lb. minimum. Top stop: 20 lb. minimum. Bottom stop: 20 lb. minimum. Slider torque: 2 lb-in minimum. Slider pull: 5 lb. minimum.		X	X	M	PASS
	Abrasion resistance of fabric - inflated diaphragm apparatus	ASTM D3886-99 (R2015)	No removal of upper surface after 300 cycles		X	X	M	PASS
	Flexing test	CPSD-SL-81002-MTHD	No cracking after 1000 cycles			X	NA	/
	Abrasion resistance of fabric: rotary platform, double-head method	ASTM D3884-09 R2013	Minimum 300 cycles (CS 17 at 1000 g) Maximum 2 yarns rupture		X	X	M	PASS
	Abrasion resistance of fabric: flexing and abrasion method	ASTM D3885-07a (R2015)	Minimum 200 cycles.		X	X	M	PASS
A	Castor or roller resistance	CPSD-HL-03054-MTHD	Load the sample as per Table 1 in the test method. Report the maximum force needed to pull the sample after initial acceleration.		X	X	NA	/
A	Rolling road	CPSD-HL-02010-MTHD	Sample shall not exhibit any damage such as misalignment, loss of serviceability, deformation of the wheel, dents, dislocation of the castor and/or wheels. Evenly distribute the appropriate maximum value into the luggage. Close and fully fasten. Sample shall be tested for a distance of 4000 yards on the rolling road tester set at a speed of 4.4 ± 0.5 km/h (2.73 ± 0.31 miles/h). Maximum dimension > 650 mm - load shall be 50 kg Maximum dimension 500 - 650 mm - load shall be 40 kg Maximum dimension < 500 mm - load shall be 20 kg			X	NA	/
	Drop test	CPSD-HL-02014-MTHD	Evenly distribute the appropriate maximum load into the luggage / bag. Close and fully fasten. The piece of luggage / bag shall be raised to a height of 0.6 + 0.1 m and dropped so that one of its corners will impact the floor surface (smooth concrete or similar). Assess visually and record any damage that has been caused to the following scale:		X	X	M	PASS



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	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Results	Rating
			5 – Light superficial marking to exterior, no internal damage. 4 – Moderate superficial marking to exterior, light superficial damage to interior. 3 – Heavy marking on exterior, superficial permanent damage to main structure. 2 – Cracked or broken structure wheeling system or components. 1 – Case opens / bursts revealing contents. Shall be no damage to zippers, wheels, trolley systems and any other similar attachments					
A	Flexibility and adhesion of finish on leather	ASTM D6182-00 R2015	35,000 cycles minimum		X	X	NA	/
	Dynamic loading	CPSD-GB-01058-MTHD	Loading weight of sand bag as specified below into the bag and hanging it onto a rod (diameter: approximate 1 inch) with up and down motion (4 inches amplitude, 20 cycles per minute) for 1200 cycles. Shall not have physical damage on the bag and its handle. Small: 15 lb minimum Medium: 30 lb minimum Large: 50 lb minimum NOTE: Small Bag: If Length plus Width is less than 25 inches. Medium Bag: If Length plus Width is between 25 and 45 inches. Large Bag: If Length plus Width is more than 45 inches.		X	X	M	PASS
	Drawstring strength	CPSD-HL-01068-MTHD	10 lb minimum		X	X	NA	/
	Fit properties	CPSD-GB-01058-MTHD	Shall hold claimed items securely and allow easy access.		X	X	NA	/
	Handle compression	CPSD-HL-02013-MTHD	< 22 inches load shall be 40 lb > 22 inches load shall be 50 lb Child's load shall be 20 lb (maximum)		X	X	M	PASS
COLORFASTNESS								
A	Colorfastness to light	AATCC 16.3-14	[One color included] [Option 3] Outdoor products: Grade 4.0 minimum at 60 AFU exposure (Xenon Arc). Indoor products: Grade 4.0 minimum at 20 AFU exposure (Xenon Arc).			X	NT	/



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	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Results	Rating
A	Colorfastness to crocking	AATCC 8-16	[One color included] Dry: Grade 4.0 minimum Wet: Grade 3.0 minimum			X	NT	/
A	Colorfastness to rotary crocking	AATCC 116-13	[One color included] Dry: Grade 4.0 minimum Wet: Grade 3.0 minimum			X	NT	/
A	Colorfastness to water	AATCC 107-13	[One color included] Color change: Grade 4.0 minimum. Color staining: Grade 3.5 minimum. Self-staining: Grade 4.5 minimum.			X	NT	/



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BUREAU VERITAS TEST PROTOCOL FOR
CPSD-02071-CN

WEEKENDER BRIEFBAG / COMPUTER BAG / CD / CASSETTE CASE (V34)

Evaluation	Citation/Method	No. Samples	Criteria	Results	Rating
SUPPLEMENTAL PROTOCOLS					
* Upholstered and Stuffed Articles Label	Applicable Section from Protocol CPSD-GB-PTCL-01990-CN	1	All applicable samples shall be reviewed against the requirements of the applicable Provincial Regulation (Ontario, Quebec or Manitoba) for Upholstered and Stuffed Articles labelling. This also applies to items with Filling Materials that include solid cores with non-textile outer coverings including finishes such as lacquers, acrylics and sugar beaded finishes.	NT	/
*Packaging and Labeling Requirement	CPSD-HL-PTCL-09067-CN-MX-US	-	The sample shall meet applicable packaging and labeling requirements in the supplemental protocol.	NT	/
Note: Additional cost, sample size & TAT may be required if testing to one or more supplemental protocol is necessary. Please refer to the above referenced supplemental protocol(s) for additional information.					
LABELING					
Consumer Textile Articles	Canadian Textile Labeling Act, R.S., C.T-10	1	A label must be visible to the consumer at the point of purchase and contain the fiber content information and dealer identity information.	NT	/



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Evaluation	Citation/Method	No. Samples	Criteria	Results	Rating
Claim verification - level 2	CPSD-GB-08612-MTHD	All	<p>Examine the retail packaging (or submitted artwork).</p> <p>Record each objective (factual) claim which can be substantiated by the testing within the protocols and rate accordingly.</p> <p>Record testing that extend beyond existing net quantity / dimensional testing on this protocol.</p> <p>Record all other objective (factual) and subjective (opinion) claims as "NT" and rate as "DATA".</p> <p>Record information evaluated between the graphic imagery and the product.</p> <p>Record disclaimers on datasheet.</p>	NT	/
ANALYTICAL					
*Total lead content in surface coatings	CPSD-AN-00009-MTHD	1	<p>All accessible surface coatings in the as received state on the item outside of the scope of CCPSA shall not contain lead or lead components in which the lead content is in excess of 0.009% (90ppm) of the weight of the total content.</p> <p>Report actual results or include data table within report.</p> <p>Component testing is allowed.</p> <p>Composite up to 3 colors are allowed.</p>	NT	/
FLAMMABILITY					
*Canadian flammability - textile products	Textile Flammability Regulations / CAN/CGSB-4.2 No.27.5:2008	1	<p>Time of flame spread shall be</p> <p>a) Greater than 3.5 seconds where the product does not have a raised fiber surface, or</p> <p>b) Time of flame spread shall be greater than 4.0 seconds, where the product has a raised fiber surface and exhibits ignition or fusion of the base fibers.</p>	NT	/



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Evaluation	Citation/Method	No. Samples	Criteria	Results	Rating
PHYSICAL CHARACTERISTICS					
Height	CPSD-GB-01056-MTHD	1	Report overall height; shall meet label claims (If applicable) (-0% / +5%).	NT	/
Width	CPSD-GB-01056-MTHD	1	Report overall width; shall meet label claims (If applicable) (-0% / +5%).	NT	/
Depth	CPSD-GB-01056-MTHD	1	Report overall depth; shall meet label claims (If applicable) (-0% / +5%).	NT	/
Weight	CPSD-GB-01056-MTHD	1	Report overall weight; shall meet label claims (If applicable) (-0% / +5%).	NT	/
Number Of Pockets	Count	All	Shall meet label claims.	NT	/
Parts Inventory	CPSD-GB-01057-MTHD	1	Shall meet label claims.	NT	/
Material Qualities:				NT	/
Thickness	CPSD-GB-01056-MTHD	1	Report overall thickness; shall meet label claims (If applicable) (-0% / +5%).	NT	/
Material Weight (Oz. / Sq. Yd.)	ASTM D3776-09ae1	1	Per production specifications	NT	/
Fabric Count	ASTM D3775-12	1	Per production specifications	NT	/
Yarn Structure	ASTM D1244-98 (R2005)	1	Per production specifications	NT	/
Fabric defect	ASTM D3990-12 (R2016)	1	No critical / major defects	NT	/
CONSTRUCTION & WORKMANSHIP					
Sharp point and sharp edge	SOR/2011-17 (Mod)	All	Shall have no sharp points / edges, other than those required for function. Modification: Expanded scope to other products.	NT	/



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Evaluation	Citation/Method	No. Samples	Criteria	Results	Rating
Defects	CPSD-GB-01057-MTHD	All	Shall have no discernible surface degradation, including crazing, shivering, denting, bubbles, cracks, stains, deformations, chips, fractures, heavy lines, waves, shear marks, scratches, scuff marks, indentations, or blisters.	NT	/
Defects (Fabric)	CPSD-GB-01057-MTHD	All	No defects in fabric or sewing including no tears, holes, dirt, stains, mildew, uneven color, slub yarn, unfinished seams, non-uniformity in decorations or seams, and the color of all thread must match the color of the material.	NT	/
Workmanship	CPSD-GB-01057-MTHD	All	Shall have no components missing, malformed, and/or fractured.	NT	/
PERFORMANCE					
Functionality	CPSD-GB-01058-MTHD	All	Shall function as intended as received. Report details of evaluation (Materials used / Features tested/ Consumables/ Method / etc.)	M	PASS
Tensile Strength	ASTM D5034-09 R2013	1	25 Lbs. / In. (Minimum)	M	PASS
Seam Strength - Side / Bottom Pocket / Zipper	ASTM D1683-2011	1	25 Lbs. (Minimum)	M	PASS
Handles / Shoulder Straps @ 45°	ASTM D1683-2011	2	25 Lbs. (Minimum)	M	PASS
Zipper Performance:					
Operability (Open / Closed)	ASTM D2062-10	1	5 Lbs. (Maximum)	M	PASS
Cross Widthwise Strength	ASTM D2062-10	2	50 Lbs. (Minimum)	M	PASS
Scoop Pull	ASTM D2062-10	1	10 Lbs. (Minimum)	NA	/
Top Stop	ASTM D2062-10	1	20 Lbs. (Minimum)	M	PASS
Bottom Stop	ASTM D2062-10	1	20 Lbs. (Minimum)	M	PASS
Slider Torque	ASTM D2062-10	1	2 In.-Lbf. (Minimum)	M	PASS
Slider Pull	ASTM D2062-10	1	5 Lbs. (Minimum)	M	PASS
Snaps:					
Attachment Strength	S-1044	All	15 Lbf. for 10 seconds	NA	/
Snapping / Unsnapping Force	S-1045	1	2 Lbs. (Minimum); 8 Lbs. (Maximum)	M	PASS



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Evaluation	Citation/Method	No. Samples	Criteria	Results	Rating
Operation (Ring Binder)	CPSD-GB-01057-MTHD	1	Shall provide good clasping strength and hold the number of sheets as labeled	NA	/
Durability (Ring Binder)	CPSD-GB-01057-MTHD	1	Shall not fail in functioning after 100 uses	NA	/
Ring / Clip Opening Force	CPSD-GB-01057-MTHD	1	Shall be suitable for use	NA	/
Abrasion Resistance:					
Fabric	ASTM D3884-09 R2013e1	1	Minimum 300 cycles (CS 17 at 1000 g) Maximum 2 yarns rupture	M	PASS
Abrasion resistance of fabric: flexing and abrasion method	ASTM D3885-07a (R2015) (Stoll)	1	[Piping] Minimum 200 cycles	NA	/
Caster / Roller Performance: (If Applicable)					
Castor / Roller Resistance – Luggage	H-3054	1	Load the sample as per Table 1 in the test method. Report the maximum force needed to pull the sample after initial acceleration.	NA	/
Durability Of Roller	CPSD-GB-01057-MTHD	1	Shall result in no adverse effects on rolling after use tests. (Rolling 4000 yd on smooth floor under 50 Lbs. evenly distributed loading. NOTE: Tester stops every 200 yd.	NA	/
Locks - Operability	CPSD-GB-01057-MTHD	1	Shall provide no problem in repeated use test (100 times)	NA	/
Water and Stain Repellency (For Briefcase Only):					
Water repellency: spray test	AATCC 22	1	Minimum 80 ISO rating	NA	/
Water Resistance	AATCC 35	1	No more than 5 grams penetration shower-proof rating (30 sec. 2 Ft. water)	NA	/



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Evaluation	Citation/Method	No. Samples	Criteria	Results	Rating
Resistance to corrosion	ASTM B117-16 modified / CPSD-HL-01010-MTHD	1	[Applicable to samples / sample components constructed of metal or samples with metallic coatings that can be exposed to the environment] Shall withstand 24 hours in 1% salt spray (fog) with no noticeable oxidation / corrosion / visual changes. Modification = 1% salt spray (fog).	M	PASS
COLORFASTNESS					
* Light (Shell Only)	AATCC 16.3	1	[Option 3] [One color included] Grade 4.0 minimum @ 10 hours	NT	/
*Colorfastness to crocking	AATCC 8-16 / AATCC 116	1	[One color included] Dry: Grade 4.0 minimum Wet: Grade 3.0 minimum	NT	/
*Colorfastness to burnt gas fumes	AATCC TM23 2015	1	[One color included] Grade 4.0 minimum after 1 cycle	NT	/
* Static Wetting (Shell Only)	AATCC 107	1	[One color included] Grade 3.0 minimum	NT	/
* Perspiration (Handle)	AATCC 15	1	[One color included] Grade 4.0 minimum	NT	/

Key:

- * Additional Charge For This Test
- ** Mandatory Requirement
- # By Request Only

Result Key:

- C Claimed
- R Recorded



M Meets
NM Does Not Meet
NA Not Applicable
NT Not Tested

Rating Key:

PASS Pass
FAIL Fail
NR Not Requested

No. Of Samples Required For Complete Testing:	3
No. Of (Fully Packed) Cartons For Transit Testing:	1
No. Of Working Days For Complete Testing:	7

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Editorial Revision Date: JUNE 29, 2017
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