

TEST REPORT

Test Report # 19W-005691-S3 Date of Report Issue: December 6, 2019
Date of Sample Received: April 26, 2019 Pages: Page 1 of 49

CLIENT INFORMATION:

Company: Spector & Co.
Address: -



SAMPLE INFORMATION:

Description: NOMAD MUST HAVES WAIST PACK
Assortment: BACKPACK
Model/style No.: BG704
PO No.: -
SKU No.: -
Item No./Item Name: NOMADE MUST HAVE
Factory/Supplier: USB059
Country of Origin: China
Country of Distribution: Canada,United States
Testing Period: 04/30/2019-05/06/2019,07/04/2019-07/30/2019,08/07/2019-08/13/2019
09/11/2019-09/19/2019

OVERALL RESULT:

+PASS With
INFORMATION

Please refer to the following pages for test result summary and appropriate notes.

QIMA (HANGZHOU) TESTING CO., LTD.

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August Yuan
Operation Manager

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Test(s) marked with 'φ' was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.

If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

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TEST RESULTS SUMMARY:

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED
PASS	+California Proposition 65, Total Lead in Substrate Materials
PASS	+Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content
PASS	+California Proposition 65, Total Cadmium in Substrate Materials
PASS	+California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)
PASS	+CPSC 16 CFR 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates(DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)
PASS	+Client’s Requirement, Phthalates content
PASS	+Client’s Requirement for Static Load Test
PASS	+Zipper Strength
PASS	+Zipper Operability
PASS	+Seam Strength
PASS	+19 CFR 134.11, Country of Origin
PASS	+Uniform Packaging and Labeling Regulation
PASS	+Marking of Imported Goods Order, (C.R.C., c.535), Country of Origin
PASS	+Charter of French Language, (R.S.Q., c.C-11), Province of Quebec Labeling
PASS	+Consumer Packaging and Labeling Act (R.S., 1985, c. C-38)
PASS	+Color Fastness to Crocking
PASS	+Color Fastness to Water
PASS	+Color Fastness to Light
Information only	+Dimensions
Information only	+The capacity in liters for bag
Information only	+Article Weight



TEST RESULTS SUMMARY:

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED
PASS	+Defects
PASS	+Workmanship
PASS	+SOR/2016-194 and Method F01 Flammability of Textile Products
Information only	+Fabric Weight Per Unit Area
PASS	+Tensile Strength
PASS	+Tearing Strength
PASS	+Bursting Strength
Information only	+Abrasion Resistance
PASS	+Pilling Resistance
PASS	+Water Repellency-Spray Test
PASS	+Water Resistance –Rain Test
Information only	+Fiber Content

Remark:

- 1) As per client's request, resubmit specimen no.28 for Abrasion Resistance retest.
- 2) +Revised information and supersedes the previous report no. 19W-005691-S2 date: 08/28/2019



DETAILED RESULTS:

***California Proposition 65, Total Lead in Substrate Materials**

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2	3	4	5	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	8	9	10	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	33	ND	22	19	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	11	12	13	14	15	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	21	ND	ND	24	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16	17	18	19	20	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	23	ND	ND	30	22	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

mg/kg =Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit =15 mg/kg)

Remark:

The specification is quoted from client's requirement.



Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
13	19W-009028-S2	13	December 6, 2019
14	19W-009028-S2	14	December 6, 2019
15	19W-009028-S2	15	December 6, 2019
16	19W-009028-S2	16	December 6, 2019
17	19W-009028-S2	23	December 6, 2019
18	19W-009028-S2	24	December 6, 2019
19	19W-009028-S2	25	December 6, 2019
20	19W-009028-S2	26	December 6, 2019



DETAILED RESULTS:

***Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content**

Test Method: ASTM F963-17 Clause 8.3.1
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2	3	4	5	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	8	9	10	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	33	ND	22	19	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	11	12	14	15	16	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	21	ND	24	23	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	18	19	20	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	30	22	---	---	90
Conclusion	PASS	PASS	PASS	---	---	

Note:
 mg/kg=Milligrams per kilogram)
 LT = Less than
 ND = Not detected (Reporting Limit = 15 mg/kg)



Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
14	19W-009028-S2	14	December 6, 2019
15	19W-009028-S2	15	December 6, 2019
16	19W-009028-S2	16	December 6, 2019
18	19W-009028-S2	24	December 6, 2019
19	19W-009028-S2	25	December 6, 2019
20	19W-009028-S2	26	December 6, 2019



DETAILED RESULTS:

***California Proposition 65, Total Cadmium in Substrate Materials**

Test Method: ASTM F963-17 Clause 8.3.1
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2	3	4	5	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	8	9	10	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	11	12	13	14	15	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16	17	18	19	20	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

mg/kg =Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15 mg/kg)

Remark:

The specification is quoted from client's requirement.



Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
13	19W-009028-S2	13	December 6, 2019
14	19W-009028-S2	14	December 6, 2019
15	19W-009028-S2	15	December 6, 2019
16	19W-009028-S2	16	December 6, 2019
17	19W-009028-S2	23	December 6, 2019
18	19W-009028-S2	24	December 6, 2019
19	19W-009028-S2	25	December 6, 2019
20	19W-009028-S2	26	December 6, 2019



DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.4
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1	2	7	10	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

Remark:

The specification is quoted from client's requirement.



DETAILED RESULTS:

***California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)**

Test Method: CPSC-CH-C1001-09.4
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		11	12	14	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	---	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	---	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	---	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	---	1000
Conclusion		PASS	PASS	PASS	---	

Note:

mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

Remark:

The specification is quoted from client's requirement.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
14	19W-009028-S2	14	December 6, 2019



DETAILED RESULTS:

CPSC 16 CFR 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)

Test Method: CPSC-CH-C1001-09.4(Modified), In-House Method
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1	2	7	10	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)



DETAILED RESULTS:

***CPSC 16 CFR 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)**

Test Method: CPSC-CH-C1001-09.4(Modified), In-House Method
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		11	12	14	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	---	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	---	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	---	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	---	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	---	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	---	1000
Conclusion		PASS	PASS	PASS	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
14	19W-009028-S2	14	December 6, 2019



DETAILED RESULTS:

Client's Requirement, Phthalates content

Test Method: CPSC-CH-C1001-09.4
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1	2	7	10	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Di-n-octyl phthalate (DNOP)	117-84-0	ND	ND	ND	ND	1000
Diethyl phthalate (DEP)	84-66-2	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP/DnPP)	131-18-0	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

Remark:

The specification is quoted from client's requirement.



DETAILED RESULTS:

***Client's Requirement, Phthalates content**

Test Method: CPSC-CH-C1001-09.4
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		11	12	14	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	---	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	---	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	---	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	---	1000
Di-n-octyl phthalate (DNOP)	117-84-0	ND	ND	ND	---	1000
Diethyl phthalate (DEP)	84-66-2	ND	ND	ND	---	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	---	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	---	1000
Di-n-pentyl phthalate (DPENP/DnPP)	131-18-0	ND	ND	ND	---	1000
Conclusion		PASS	PASS	PASS	---	

Note:

mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

Remark:

The specification is quoted from client's requirement.



Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
14	19W-009028-S2	14	December 6, 2019



DETAILED RESULTS:

***Client's Requirement for Static Load Test**

Test Item	Test Method	Requirement	Conclusion
Static Load test	1. Visual check the normal function of the sample under test as received. 2. Place the test load on the bags with 25 lbs for 2 hours. 3. Observe and record any failure, structural breakage, deformation or any other unusual change from the original state of sample.	No failure, No structural breakage, No damage and deformation.	PASS

Remark: Test results are transferred from test report no. 19W-009028-S2 date: December 6,2019



DETAILED RESULTS:

***Zipper Strength**

Test Method: ASTM D2061-07(R2013); type: LM

Specimen No.	27	
Items	Result	Client's requirement
Chain Crosswise Strength Test (lbf)	118.9(tape break)	Min. 80
Element Pull-Off Test (lbf)	22.4(tape break)	Min. 11
Element Slippage Test (lbf)	31.4(Elements pull off)	Min. 9
Resistance to Pull-Off Slider Pull (lbf)	99.4(Puller Pull Out)	Min.35
Resistance to Twist of Pull and Slider Test Clockwise (lb. inch) Counter-Clockwise (lb. inch)	>7.8 >7.8	Min.4
Conclusion	PASS	

***Zipper Operability**

Test Method: ASTM D2062-03(R2014)

Specimen No.	27	
Items	Result	Client's requirement
Chain opening (lbf)	0.4	Max. 2
Chain closing (lbf)	0.5	Max. 2
Conclusion	PASS	

Remark: It is noted that a specific sampling plan is laid down per ASTM D2061-07(R2013) & ASTM D2062-03(R2014). The above results for Zipper Strength & Zipper Operability are drawn on the 10 of tested specimens, based on the request from the applicant.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
27	19W-009028-S2	1	December 6, 2019



DETAILED RESULTS:

+Zipper Strength

Test Method: ASTM D2061-07(R2013); type: LM

Specimen No.	21	
Items	Result	Client's requirement
Chain Crosswise Strength Test (lbf)	208.1(Elements pull off)	Min. 175
Resistance to Pull-Off Slider Pull (lbf)	70.1(Puller pull out)	Min.35
Resistance to Twist of Pull and Slider Test Clockwise (lb. inch) Counter-Clockwise (lb. inch)	>7.8* >7.8*	Min.4
Conclusion	PASS	

+Zipper Operability

Test Method: ASTM D2062-03(R2014)

Specimen No.	21	
Items	Result	Client's requirement
Chain opening (lbf)	0.4	Max. 2
Chain closing (lbf)	0.6	Max. 2
Conclusion	PASS	

Remark:

*: The maximum capacity of the tester is 7.8(lb. inch)

It is noted that a specific sampling plan is laid down per ASTM D2061-07(R2013) & ASTM D2062-03(R2014).

The above results for Zipper Strength & Zipper Operability are drawn on the 8 of tested specimens, based on the request from the applicant.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
21	19W-009028-S2	4	December 6, 2019



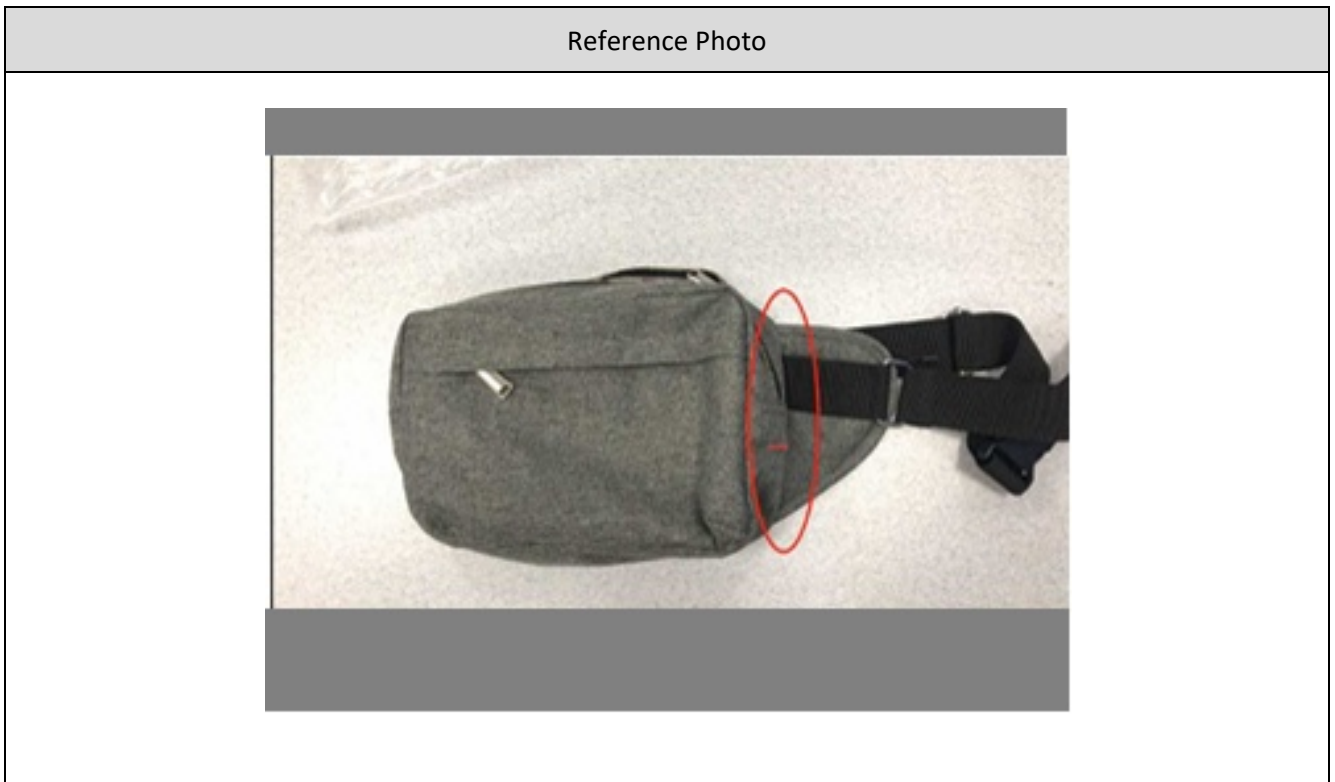
DETAILED RESULTS:

***Seam Strength**

Test Method: With reference to ASTM D 1683/D1683M-17(R2018); Instron CRE

Specimen No.	22		
Items	Client's requirement	Result	Conclusion
Seam1 (lbf)	Min. 25	100(F.T.S.)	PASS

Remarks: F.T.S.=Fabric tear at seam



Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
22	19W-009028-S2	5	December 6, 2019



DETAILED RESULTS:

***Seam Strength**

Test Method: With reference to ASTM D 1683/D1683M-17(R2018); Instron CRE

Specimen No.	22	Client's requirement (lbf)
Items	Result (lbf)	
Side seam	94.2(S.T.B.)	Min. 25
Bottom seam-Length	96.7(S.T.B.)	Min. 25
Conclusion	PASS	-

Remarks: S.T.B. = Sewing Thread Breaks.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
22	19W-009028-S2	5	December 6, 2019

***19 CFR 134.11, Country of Origin**

Specimen No.	22	---	---	---	---
Test	Observation	Observation	Observation	Observation	Observation
Country of Origin	Present on label	---	---	---	---
Conclusion	PASS	---	---	---	---

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
22	19W-009028-S2	5	December 6, 2019



DETAILED RESULTS:

***Uniform Packaging and Labeling Regulation**

Specimen No.	22	
Test	Observation	Conclusion
Declaration of Identity	The packaging contains the declaration of identity	PASS
Declaration of Responsibility	The packaging contains the declaration of responsibility	PASS

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
22	19W-009028-S2	5	December 6, 2019

***Marking of Imported Goods Order, (C.R.C., c.535), Country of Origin**

Specimen No.	22	---	---	---	---
Section	Requirement	Requirement	Requirement	Requirement	Requirement
2	Present on label	---	---	---	---
Conclusion	PASS	---	---	---	---

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
22	19W-009028-S2	5	December 6, 2019



DETAILED RESULTS:

***Charter of French Language, (R.S.Q., c.C-11), Province of Quebec Labeling**

Specimen No.	22	---	---	---	---
Clause	Test	Test	Test	Test	Test
c.C-11	French Labeling	---	---	---	---
Conclusion	PASS	---	---	---	---

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
22	19W-009028-S2	5	December 6, 2019

***Consumer Packaging and Labeling Act (R.S., 1985, c. C-38)**

Specimen No.	22	---	---	---	---
Section	Requirement	Requirement	Requirement	Requirement	Requirement
10	Place of Manufacture	---	---	---	---
Conclusion	PASS	---	---	---	---

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
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22	19W-009028-S2	5	December 6, 2019



DETAILED RESULTS:

†Color Fastness to Crocking

Test Method: AATCC 8-2016

Specimen No.	22- Grey shell fabric	22-Strap	22- stripe lining fabric	22- lining mesh	22- back mesh	Client's requirement (Grade)
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Dry staining	4.5	4.5	4.5	4.5	4.5	Min. 4.0
Wet staining	4.5	4.5	4.5	4.5	4.5	Min. 2.5
Conclusion	PASS	PASS	PASS	PASS	PASS	-

Remark: Grey Scale rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
22	19W-009028-S2	5	December 6, 2019



DETAILED RESULTS:

***Color Fastness to Water**

Test Method: AATCC 107-2013

Specimen No.	22- Grey shell fabric	22-Strap	22- stripe lining fabric	22- lining mesh	22- back mesh	Client's requirement (Grade)
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Change in shade	4.5	4.5	4.5	4.5	4.5	Min. 4.0
Staining on multi-fiber stripe						
-Acetate	4.5	4.5	4.0	4.5	4.5	Min. 3.5
-Cotton	4.5	4.5	4.5	4.5	4.5	Min. 3.5
-Nylon	4.5	4.5	4.0	4.5	4.5	Min. 3.5
-Polyester	4.5	4.5	4.5	4.5	4.5	Min. 3.5
-Acrylic	4.5	4.5	4.5	4.5	4.5	Min. 3.5
-Wool	4.5	4.5	4.5	4.5	4.5	Min. 3.5
Conclusion	PASS	PASS	PASS	PASS	PASS	-

Remark: Grey scale rating is based on the 5-step of 1 to 5, where 1 is bad and 5 is good.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
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22	19W-009028-S2	5	December 6, 2019



DETAILED RESULTS:

***Color Fastness to Light**

Test Method: AATCC 16.3-2014; Option 3; Xenon Arc Lamp.

Specimen No.	22-Grey shell fabric	22-strap	---	---	---	Client's requirement (Grade)
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
After 20 AFU Change in shade	4.5	4.5	---	---	---	Min. 4.0
Conclusion	PASS	PASS	---	---	---	-

Remarks: Grey scale rating is based on the 5-step of 1 to 5, where 1 is bad and 5 is good.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
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DETAILED RESULTS:

***Dimensions**

Test Method: IHTM, Standard Measure;

Specimen No.	22	---	---	---	---	Client's requirement
Items	Result (inch)	Result (inch)	Result (inch)	Result (inch)	Result (inch)	
Length	8 ⁶ / ₈	---	---	---	---	N/A
Width	2 ⁴ / ₈	---	---	---	---	
Height	6 ² / ₈	---	---	---	---	
Conclusion	Information only	---	---	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
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DETAILED RESULTS:

***The capacity in liters for bag**

Test Method: IHTM, Standard Measure;

Specimen No.	22	---	---	---	---	Client's requirement
Items	Result (liter)	Result (liter)	Result (liter)	Result (liter)	Result (liter)	
Capacity	1.9	---	---	---	---	N/A
Conclusion	Information only	---	---	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
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***Article Weight**

Test Method: IHTM 010

Specimen No.	22	---	---	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
(g/piece)	279	---	---	---	---	N/A
Conclusion	Information only	---	---	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
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DETAILED RESULTS:

***Defects**

Test Method: ASTM D3990 - 12(2016); Visual Examination

Specimen No.	22	---	---	---	---	Requirement
Item	Result	Result	Result	Result	Result	
Observation	No major defect	---	---	---	---	Visual examination to verify noticeable defects (such as missing components, obvious knitting /weaving defects, improper functioning component).
Conclusion	PASS	---	---	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
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DETAILED RESULTS:

***Workmanship**

Test Method: IHTM; Visual Examination

Specimen No.	22	---	Requirement
Item	Result		
Observation	No major poor workmanship	---	Visual examination to verify noticeable poor Workmanship (such as: Poor sewing: Broken seam Missing stitches or Skipped / Uneven /wave stitches or stitched holes on visible area. Insecure back stitches / Uneven stitch tension / Needle chewing Misaligned seam. Poor riveting metal eyelet or other metal parts Dirty / Glue/ Scratch / Wrinkle / Pen Mark / Oil Stain / Water Stain The inside hiding thread expose. Poor electro-plating or spraying on handle metal plate Obvious Scratched mark on extendable handle or metal plate Fabric , webbing band or strap getting discoloration
Conclusion	PASS	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
22	19W-009028-S2	5	December 6, 2019



DETAILED RESULTS:

***SOR/2016-194 and Method F01 Flammability of Textile Products**

Test Method: CAN/CGSB-4.2 No.27.5-2008

Specimen No.	23				
Preliminary Tests	<u>Fabric Surface</u>	Smooth	<u>Test Specimen Direction</u>		Face Length
Items	Result				Client's requirement
	<u>As Received</u>		<u>After Dry-cleaning and Laundering*</u>		
	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	
(1)	-	DNI	-	DNI	>3.5s
(2)	-	DNI	-	DNI	
(3)	-	DNI	-	DNI	
(4)	-	DNI	-	DNI	
(5)	-	DNI	-	DNI	
(6)	-	DNI	-	DNI	
(7)	-	DNI	-	DNI	
(8)	-	DNI	-	DNI	
(9)	-	DNI	-	DNI	
(10)	-	DNI	-	DNI	
Conclusion	PASS				

* Dry-cleaning / Laundering procedure is according to CAN/CGSB-4.2 No.30.3-94 & CAN/CGSB-4.2 No.58-2004; Machine wash at 50°C and tumble dry on the normal setting.

Burn Code Description:

DNI = Did not ignite;

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
23	19W-009028-S2	27	December 6, 2019



DETAILED RESULTS:

***SOR/2016-194 and Method F01 Flammability of Textile Products**

Test Method: CAN/CGSB-4.2 No.27.5-2008

Specimen No.	24				
Preliminary Tests	<u>Fabric Surface</u>	Smooth	<u>Test Specimen Direction</u>		Face Length
Items	Result				Client's requirement
	<u>As Received</u>		<u>After Dry-cleaning and Laundering*</u>		
	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	
(1)	-	IBE	-	IBE	>3.5s
(2)	-	IBE	-	IBE	
(3)	-	IBE	-	IBE	
(4)	-	IBE	-	IBE	
(5)	-	IBE	-	IBE	
(6)	-	IBE	-	IBE	
(7)	-	IBE	-	IBE	
(8)	-	IBE	-	IBE	
(9)	-	IBE	-	IBE	
(10)	-	IBE	-	IBE	
Conclusion	PASS				

* Dry-cleaning / Laundering procedure is according to CAN/CGSB-4.2 No.30.3-94 & CAN/CGSB-4.2 No.58-2004; Machine wash at 50°C and tumble dry on the normal setting.

Burn Code Description:

IBE = Ignited but extinguished;

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
24	19W-009028-S2	29	December 6, 2019



DETAILED RESULTS:

***SOR/2016-194 and Method F01 Flammability of Textile Products**

Test Method: CAN/CGSB-4.2 No.27.5-2008

Specimen No.	25				
Preliminary Tests	<u>Fabric Surface</u>	Smooth	<u>Test Specimen Direction</u>		Face Length
Items	Result				Client's requirement
	<u>As Received</u>		<u>After Dry-cleaning and Laundering*</u>		
	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	
(1)	15.3	-	15.0	-	>3.5s
(2)	14.2	-	14.7	-	
(3)	15.5	-	14.2	-	
(4)	15.0	-	14.6	-	
(5)	15.6	-	14.6	-	
(Avg.)	15.1	-	14.6	-	
Conclusion	PASS				

* Dry-cleaning / Laundering procedure is according to CAN/CGSB-4.2 No.30.3-94 & CAN/CGSB-4.2 No.58-2004; Machine wash at 50°C and tumble dry on the normal setting.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
25	19W-009028-S2	30	December 6, 2019



DETAILED RESULTS:

***SOR/2016-194 and Method F01 Flammability of Textile Products**

Test Method: CAN/CGSB-4.2 No.27.5-2008

Specimen No.	26				
Preliminary Tests	<u>Fabric Surface</u>	Smooth	<u>Test Specimen Direction</u>		Face Length
Items	Result				Client's requirement
	<u>As Received</u>		<u>After Dry-cleaning and Laundering*</u>		
	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	
(1)	18.3	-	18.2	-	>3.5s
(2)	19.2	-	18.4	-	
(3)	19.0	-	17.8	-	
(4)	18.7	-	18.9	-	
(5)	18.0	-	18.3	-	
(Avg.)	18.6	-	18.3	-	
Conclusion	PASS				

* Dry-cleaning / Laundering procedure is according to CAN/CGSB-4.2 No.30.3-94 & CAN/CGSB-4.2 No.58-2004; Machine wash at 50°C and tumble dry on the normal setting.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
26	19W-009028-S2	31	December 6, 2019



DETAILED RESULTS:

***Fabric Weight Per Unit Area**

Test Method: ASTM D3776/D3776M-09a(R2017),Option C;

Specimen No.	23	24	25	26	---	Client's requirement
Items	Result	Result	Result	Result	Result	
(g/m ²)	446	176	84.1	76.6	---	N/A
(oz/yd ²)	13.2	5.19	2.48	2.26	---	N/A
Conclusion	Information only	Information only	Information only	Information only	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
23	19W-009028-S2	27	December 6, 2019
24	19W-009028-S2	29	December 6, 2019
25	19W-009028-S2	30	December 6, 2019
26	19W-009028-S2	31	December 6, 2019

***Tensile Strength**

Test Method: ASTM D5034-09(R2017); Instron CRE – 1” Grab

Specimen No.	23	26	---	---	---	Client's requirement (lbf)
Items	Result (lbf)	Result (lbf)	Result (lbf)	Result (lbf)	Result (lbf)	
Warp	241.0	139.0	---	---	---	Min. 25
Weft	198.8	113.4	---	---	---	Min. 25
Conclusion	PASS	PASS	---	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
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26	19W-009028-S2	31	December 6, 2019



DETAILED RESULTS:

***Tearing Strength**

Test Method: ASTM D1424-09(R2013) Elmendorf

Specimen No.	23	26	---	---	---	Client's requirement (lbf)
Items	Result (lbf)	Result (lbf)	Result (lbf)	Result (lbf)	Result (lbf)	
Warp yarns torn	10.3	4.7	---	---	---	Min. 1.5
Weft yarns torn	10.4	4.1	---	---	---	Min. 1.5
Conclusion	PASS	PASS	---	---	---	-

Note: Warp test – test in which the warp yarns are torn.

Weft test – test in which the weft yarns are torn.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
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26	19W-009028-S2	31	December 6, 2019

***Bursting Strength**

Test Method: ASTM D3786/D3786M-18; Mullen Bursting Tester

Specimen No.	24	25	---	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
Bursting Strength (P.S.I.)	148	121	---	---	---	Min. 40
Conclusion	PASS	PASS	---	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
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25	19W-009028-S2	30	December 6, 2019



DETAILED RESULTS:

***Abrasion Resistance**

Test Method: ASTM D4966-12^{E1}, Option 1; Martindale Wear & Abrasion Tester; 12kPa Pressure

Specimen No.	23	---	---	---	---	Client's requirement (rubs)
Items	Result (rubs)	Result (rubs)	Result (rubs)	Result (rubs)	Result (rubs)	
End point	>10000	---	---	---	---	10000
Conclusion	PASS	---	---	---	---	-

Specimen No.	28*	---	---	---	---	Client's requirement (rubs)
Items	Result (rubs)	Result (rubs)	Result (rubs)	Result (rubs)	Result (rubs)	
End point	9300	---	---	---	---	N/A
Conclusion	Information only	---	---	---	---	-

Remark: *: just mention that the Abrasion Resistance- back mesh was done on 9300rubs

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
23	19W-009028-S2	27	December 6, 2019
28	19W-009028-S2	33	December 6, 2019



DETAILED RESULTS:

***Pilling Resistance**

Test Method: ASTM D3512/D3512M-16; After 30 min. tumbling in Random tumble Pilling Tester

Specimen No.	23	24	---	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
As received Rating	4.5	4.5	---	---	---	> 3.5
Conclusion	PASS	PASS	---	---	---	-

Remarks: Pilling Rating

- 5 No pilling
- 4 Slight pilling
- 3 Moderate pilling
- 2 Severe pilling
- 1 Very severe pilling

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
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24	19W-009028-S2	29	December 6, 2019



DETAILED RESULTS:

***Water Repellency-Spray Test**

Test Method: AATCC 22-2017; Spray Test – Tested under controlled condition, water temperature: 27±1°C

Specimen No.	23			Client's requirement
Items	Result			
	Specimen 1#	Specimen 2#	Specimen 3#	
As received Rating	90	90	90	Min. 90
Conclusion	PASS			-

Remarks:

Spray Rating

- 100 No sticking or wetting of specimen face
- 90 Slight random sticking or wetting of specimen face
- 80 Wetting of specimen face at spray points
- 70 Partial wetting of the specimen face beyond the spray points
- 50 Complete wetting of the entire specimen face beyond the spray points
- 0 Complete wetting of the entire face of the specimen

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
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23	19W-009028-S2	27	December 6, 2019



DETAILED RESULTS:

***Water Resistance –Rain Test**

Test Method: AATCC 35-2018; Rain Test-2ft head Pressure; 2-min impact

Specimen No.	23				Client's requirement
Items	Result				
	Specimen 1#	Specimen 2#	Specimen 3#	Average	
As received Weight of blotter gained (g)	0.0	0.0	0.0	0.0	Max 1.0g
Conclusion	PASS				-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
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23	19W-009028-S2	27	December 6, 2019



DETAILED RESULTS:

***Fiber Content**

Test Method: AATCC 20-2013

Specimen No.	22-Grey shell fabric*		
Items	Client's requirement	Result	Conclusion
Polyester (%)	N/A	100	Information only

Remark: *: Exclusive of Coating

***Fiber Content**

Test Method: AATCC 20-2013

Specimen No.	22-Stripe lining fabric	22-Black back mesh	---	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
Polyester (%)	100	100	---	---	---	N/A
Conclusion	Information only	Information only	---	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Black coated deep grey textile	Main body
2	Deep grey foam	Filler of back
3	Silvery metal	Frame of adjustable buckle
4	Silvery metal	Needle of adjustable buckle
5	Silvery metal	Square buckle
6	Silvery metal	Main zipper teeth
7	Black plastic	Side zipper teeth
8	Silvery metal	Zipper slider
9	Silvery metal	Zipper puller
10	Black soft plastic	Elastic of inner/belt
11	Black plastic	Groove of release buckle
12	Black plastic	Plug of release buckle
13	Black textile	Zipper cloth(silvery big zipper puller style)
14	Black plastic	Zipper teeth(silvery big zipper puller style)
15	Silvery metal	Zipper puller(silvery big zipper puller style)
16	Silvery metal	Zipper slider(silvery big zipper puller style)
17	Black textile	Zipper cloth(metal style)
18	Silvery metal	Zipper teeth(metal style)
19	Silvery metal	Zipper puller(metal style)
20	Silvery metal	Zipper slider(metal style)
21	Silver big puller zipper	Raw material
22	Grey waist bag	Finished product
23	Grey fabric	Raw material for shell main fabric
24	Black mesh fabric	Raw material for back mesh
25	Black mesh fabric	Raw material for inner mesh
26	Stripe print fabric	Raw material for Lining
27	Metal Zipper	Raw material
28 ⁺	Black mesh fabric	Raw material for back mesh



SAMPLE PHOTO:



SAMPLE PHOTO:



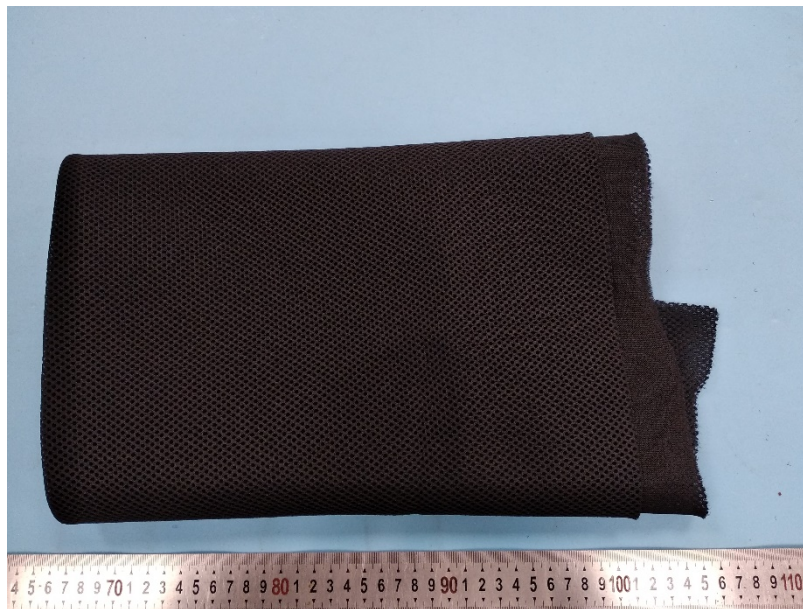
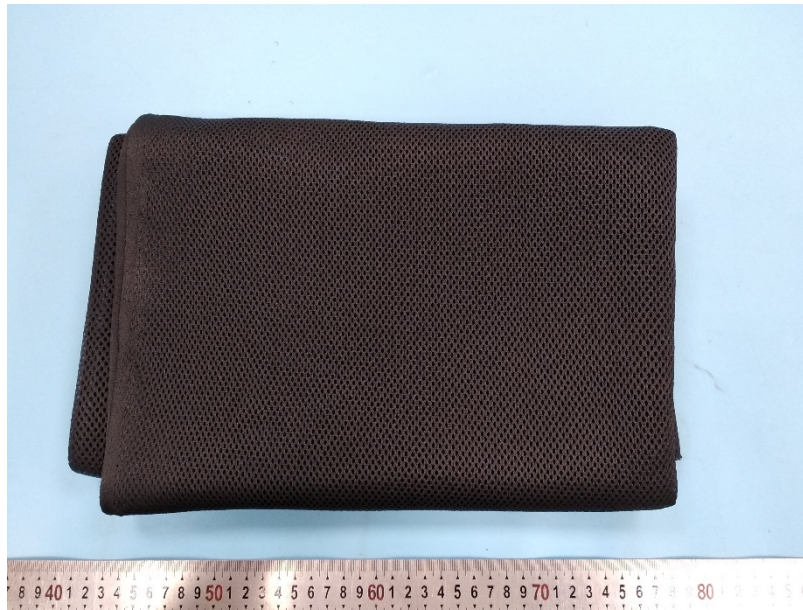
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SAMPLE PHOTO:



***SAMPLE PHOTO:**

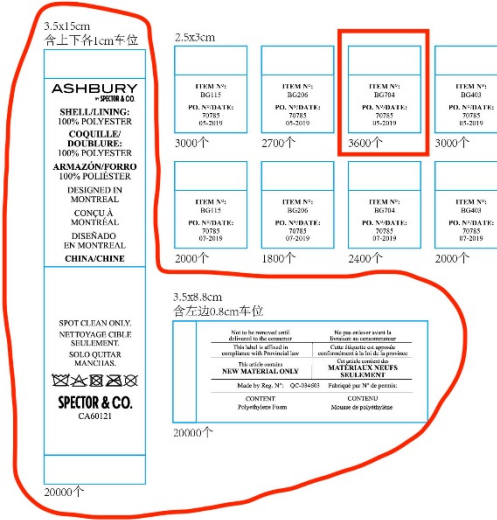


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-End Report-

