QIMA
YOUR EYES IN THE SUPPLY CHAIN

TEST REPORT

Test Report #	19W-009871-2	Date of Report Issue:	December 31, 2019
Date of Sample Received:	July 1, 2019	Pages:	Page 1 of 48

CLIENT INFORMATION:

Company:	Spector & Co.
Address:	-

SAMPLE INFORMATION:

Description:	WEEKENDER DUFFLE BAG
Assortment:	DUFFLE BAG
Model/style No.:	BG209
PO No.:	PO # 7107100
SKU No.:	-
Item No./Item Name:	COLLECTION X
Factory/Supplier:	USH045
Country of Origin:	China
Country of Distribution:	Canada, United States
Testing Period:	07/04/2019-07/17/2019,10/16/2019-10/22/2019,11/01/2019-11/07/2019, 12/04/2019-12/13/2019,12/25/2019-12/31/2019

OVERALL RESULT:

PASS With INFORMATION

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

QIMA (HANGZHOU) TESTING CO., LTD.

August Yuan
Operation Manager

QIMA (HANGZHOU) TESTING CO., LTD.

Kevin Lee
Technical Manager

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	19 CFR 134.11, Country of Origin
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	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
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	Seam Strength
PASS	Abrasion Resistance
PASS	Pilling Resistance

TEST RESULTS SUMMARY:

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

CONCLUSION	TEST(S) CONDUCTED
PASS	Zipper Strength
PASS	Zipper Operability
PASS	Shear Strength Of Hook & Loop
PASS	Peeling Strength of Hooks
PASS	Water Repellency-Spray Test
PASS	Water Resistance –Rain Test
Information only	Fiber Content
PASS	Client's Requirement for Static Load Test

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+5+10	4+11	6	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	30	28	ND	ND	21	**100**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	7	8	9	12+13+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)	24	25	26	ND	ND	**100**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	17	18	19+20	21	22	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	24	ND	ND	ND	**100**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

mg/kg =Milligrams per kilogram

LT = Less than

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

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1	19W-009871-1	1	November 18, 2019
2	19W-009871-1	2	November 18, 2019
3+5+10	19W-009872-1	3+5+10	November 18, 2019
4+11	19W-009872-1	4+11	November 18, 2019
6	19W-009871-1	6	November 18, 2019
7	19W-009871-1	7	November 18, 2019
8	19W-009872-1	8	November 18, 2019
9	19W-009872-1	9	November 18, 2019
12+13+14	19W-009872-1	12+13+14	November 18, 2019
15+16	19W-009871-1	15+16	November 18, 2019
17	19W-009871-1	17	November 18, 2019
18	19W-009871-1	18	November 18, 2019
19+20	19W-009871-1	19+20	November 18, 2019
21	19W-009871-1	21	November 18, 2019
22	19W-009872-1	25	November 18, 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.	23	24	25	26	27	**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.	28	---	---	---	---	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	---	---	---	---	**100**
Conclusion	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.	
23	19W-009871-1	23	November 18, 2019
24	19W-009872-1	27	November 18, 2019
25	19W-009871-1	25	November 18, 2019
26	19W-009871-1	26	November 18, 2019
27	19W-009871-1	27	November 18, 2019
28	19W-009871-1	28	November 18, 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	4+11	6	7	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	30	28	ND	21	24	**90**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	8	9	17	18	21	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	25	26	ND	24	ND	**90**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	23	25	26	27	28	**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	

Note:
mg/kg=Milligrams per kilogram)
LT = Less than
ND = Not detected (Reporting Limit = 15 mg/kg)
Composite results are based on specimen of least mass resulting in highest potential concentration.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1	19W-009871-1	1	November 18, 2019
2	19W-009871-1	2	November 18, 2019
4+11	19W-009872-1	4+11	November 18, 2019
6	19W-009871-1	6	November 18, 2019
7	19W-009871-1	7	November 18, 2019
8	19W-009872-1	8	November 18, 2019
9	19W-009872-1	9	November 18, 2019
17	19W-009871-1	17	November 18, 2019
18	19W-009871-1	18	November 18, 2019
21	19W-009871-1	21	November 18, 2019
23	19W-009871-1	23	November 18, 2019
25	19W-009871-1	25	November 18, 2019
26	19W-009871-1	26	November 18, 2019
27	19W-009871-1	27	November 18, 2019
28	19W-009871-1	28	November 18, 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+5+10	4+11	6	**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.	7	8	9	12+13+14	15+16	**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.	17	18	19+20	21	22	**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)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1	19W-009871-1	1	November 18, 2019
2	19W-009871-1	2	November 18, 2019
3+5+10	19W-009872-1	3+5+10	November 18, 2019
4+11	19W-009872-1	4+11	November 18, 2019
6	19W-009871-1	6	November 18, 2019
7	19W-009871-1	7	November 18, 2019
8	19W-009872-1	8	November 18, 2019
9	19W-009872-1	9	November 18, 2019
12+13+14	19W-009872-1	12+13+14	November 18, 2019
15+16	19W-009871-1	15+16	November 18, 2019
17	19W-009871-1	17	November 18, 2019
18	19W-009871-1	18	November 18, 2019
19+20	19W-009871-1	19+20	November 18, 2019
21	19W-009871-1	21	November 18, 2019
22	19W-009872-1	25	November 18, 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.	23	24	25	26	27	**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.	28	---	---	---	---	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	---	---	---	---	**75**
Conclusion	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.	
23	19W-009871-1	23	November 18, 2019
24	19W-009872-1	27	November 18, 2019
25	19W-009871-1	25	November 18, 2019
26	19W-009871-1	26	November 18, 2019
27	19W-009871-1	27	November 18, 2019
28	19W-009871-1	28	November 18, 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.		3+5+10	4+11	12+13+14	15+16	**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)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
3+5+10	19W-009872-1	3+5+10	November 18, 2019
4+11	19W-009872-1	4+11	November 18, 2019
12+13+14	19W-009872-1	12+13+14	November 18, 2019
15+16	19W-009871-1	15+16	November 18, 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.		17	21	22	23	**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.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
17	19W-009871-1	17	November 18, 2019
21	19W-009871-1	21	November 18, 2019
22	19W-009872-1	25	November 18, 2019
23	19W-009871-1	23	November 18, 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.		24	25	---	---	**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	---	---	**1000**
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	---	---	**1000**
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	---	---	**1000**
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	---	---	**1000**
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	---	---	**1000**
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	---	---	**1000**
Conclusion		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.	
24	19W-009872-1	27	November 18, 2019
25	19W-009871-1	25	November 18, 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.		4+11	17	21	23	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)
Composite results are based on specimen of least mass resulting in highest potential concentration.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
4+11	19W-009872-1	4+11	November 18, 2019
17	19W-009871-1	17	November 18, 2019
21	19W-009871-1	21	November 18, 2019
23	19W-009871-1	23	November 18, 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.		25	---	---	---	**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	---	---	---	**1000**
Benzyl butyl phthalate (BBP)	85-68-7	ND	---	---	---	**1000**
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	---	---	---	**1000**
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	---	---	---	**1000**
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	---	---	---	**1000**
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	---	---	---	**1000**
Diisobutyl phthalate (DIBP)	84-69-5	ND	---	---	---	**1000**
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	---	---	---	**1000**
Conclusion		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.	
25	19W-009871-1	25	November 18, 2019

DETAILED RESULTS:

Client's Requirement, Phthalates content

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

Specimen No.		4+11	17	21	23	**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)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
4+11	19W-009872-1	4+11	November 18, 2019
17	19W-009871-1	17	November 18, 2019
21	19W-009871-1	21	November 18, 2019
23	19W-009871-1	23	November 18, 2019

DETAILED RESULTS:

Client's Requirement, Phthalates content

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

Specimen No.		25	---	---	---	**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	---	---	---	**1000**
Benzyl butyl phthalate (BBP)	85-68-7	ND	---	---	---	**1000**
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	---	---	---	**1000**
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	---	---	---	**1000**
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	---	---	---	**1000**
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	---	---	---	**1000**
Di-n-octyl phthalate (DNOP)	117-84-0	ND	---	---	---	**1000**
Diethyl phthalate (DEP)	84-66-2	ND	---	---	---	**1000**
Diisobutyl phthalate (DIBP)	84-69-5	ND	---	---	---	**1000**
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	---	---	---	**1000**
Di-n-pentyl phthalate (DPENP/DnPP)	131-18-0	ND	---	---	---	**1000**
Conclusion		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.	
25	19W-009871-1	25	November 18, 2019

DETAILED RESULTS:

19 CFR 134.11, Country of Origin

Specimen No.	29	30	Conclusion
Test	Observation	Observation	
Country of Origin	Present on label	Present on label	PASS

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

Specimen No.	29	30	Conclusion
Section	Requirement	Requirement	
2	Present on label	Present on label	PASS

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

Specimen No.	29	30	Conclusion
Clause	Test	Test	
c.C-11	French Labeling	French Labeling	PASS

Color Fastness to Crocking

Test Method: AATCC 8-2016

Specimen No.	29-Grey shell fabric	30-Black shell fabric	29-Strap	30-Strap	29-Black inner mesh	Client's requirement (Grade)
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Dry staining	4.5	4.0	4.0	4.0	4.5	Min. 4.0
Wet staining	4.5	4.5	4.5	4.5	4.0	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.

DETAILED RESULTS:

Color Fastness to Crocking

Test Method: AATCC 8-2016

Specimen No.	30-Black inner mesh	29-Grey main lining	30-Blue main lining	---	---	Client's requirement (Grade)
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Dry staining	4.5	4.5	4.5	---	---	Min. 4.0
Wet staining	4.0	4.5	4.5	---	---	Min. 2.5
Conclusion	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.

Color Fastness to Water

Test Method: AATCC 107-2013

Specimen No.	29-Grey shell fabric	30-Black shell fabric	29-Strap	30-Strap	29-Black inner 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	4.5	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	4.5	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.

DETAILED RESULTS:

Color Fastness to Water

Test Method: AATCC 107-2013

Specimen No.	30-Black inner mesh	29-Grey main lining	30-Blue main lining	---	---	Client's requirement (Grade)
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Change in shade	4.5	4.5	4.5	---	---	Min. 4.0
Staining on multi-fiber stripe						
-Acetate	4.5	4.5	4.5	---	---	Min. 3.5
-Cotton	4.5	4.5	4.5	---	---	Min. 3.5
-Nylon	4.5	4.5	4.5	---	---	Min. 3.5
-Polyester	4.5	4.5	4.5	---	---	Min. 3.5
-Acrylic	4.5	4.5	4.5	---	---	Min. 3.5
-Wool	4.5	4.5	4.5	---	---	Min. 3.5
Conclusion	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.

Color Fastness to Light

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

Specimen No.	39	30-Black shell fabric	29-Strap	30-Strap	---	Client's requirement (Grade)
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
After 20 AFU Change in shade	4.0	4.5	4.5	4.5	---	Min. 4.0
Conclusion	PASS	PASS	PASS	PASS	---	-

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

DETAILED RESULTS:

Dimensions

Test Method: IHTM, Standard Measure;

Specimen No.	29	30	Client's requirement
Items	Result (inch)	Result (inch)	
Length	18 6/8	18 6/8	N/A
Width	8 6/8	8 4/8	
Height	12 4/8	12 6/8	
Conclusion	Information only	Information only	-

The capacity in liters for bag

Test Method: IHTM, Standard Measure;

Specimen No.	29	30	Client's requirement
Items	Result (liter)	Result (liter)	
Capacity	31.6	31.3	N/A
Conclusion	Information only	Information only	-

DETAILED RESULTS:

Article Weight

Test Method: IHTM 010

Specimen No.	29	30	Client's requirement
Items	Result	Result	
Article Weight (g/piece)	1148	1150	N/A
Conclusion	Information only	Information only	-

Defects

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

Specimen No.	29	30	Requirement
Item	Result	Result	
Observation	No major defect	No major defect	Visual examination to verify noticeable defects (such as missing components, obvious knitting /weaving defects, improper functioning component).
Conclusion	PASS	PASS	-

DETAILED RESULTS:

Workmanship

Test Method: IHTM-TXHZ; Visual Examination

Specimen No.	29	30	Requirement
Item	Result	Result	
Observation	No major poor workmanship	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	PASS	-

DETAILED RESULTS:

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

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

Specimen No.	29-Grey shell fabric				
Preliminary Tests	Fabric Surface	Smooth	Test Specimen Direction		Face Length
Items	Result				Client's requirement
	As Received		**After Dry-cleaning and Laundering***		
	Flame Spread (sec.)	Burn Code	Flame Spread (sec.)	Burn Code	
(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℃ and tumble dry on the normal setting.

Burn Code Description:

DNI = Did not ignite;

DETAILED RESULTS:

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

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

Specimen No.	32				
Preliminary Tests	Fabric Surface	Smooth	Test Specimen Direction		Face Length
Items	Result				Client's requirement
	As Received		**After Dry-cleaning and Laundering***		
	Flame Spread (sec.)	Burn Code	Flame Spread (sec.)	Burn Code	
(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℃ and tumble dry on the normal setting.

Burn Code Description:

DNI = Did not ignite;

DETAILED RESULTS:

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

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

Specimen No.	33				
Preliminary Tests	Fabric Surface	Smooth	Test Specimen Direction		Face Length
Items	Result				Client's requirement
	As Received		**After Dry-cleaning and Laundering***		
	Flame Spread (sec.)	Burn Code	Flame Spread (sec.)	Burn Code	
(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℃ and tumble dry on the normal setting.

Burn Code Description:

IBE = Ignited but extinguished;

DETAILED RESULTS:

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

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

Specimen No.	34				
Preliminary Tests	Fabric Surface	Smooth	Test Specimen Direction		Face Length
Items	Result				Client's requirement
	As Received		**After Dry-cleaning and Laundering***		
	Flame Spread (sec.)	Burn Code	Flame Spread (sec.)	Burn Code	
(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℃ and tumble dry on the normal setting.

Burn Code Description:

IBE = Ignited but extinguished;

DETAILED RESULTS:

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

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

Specimen No.	35				
Preliminary Tests	Fabric Surface	Smooth	Test Specimen Direction		Face Length
Items	Result				Client's requirement
	As Received		**After Dry-cleaning and Laundering***		
	Flame Spread (sec.)	Burn Code	Flame Spread (sec.)	Burn Code	
(1)	14.7	-	14.8	-	>3.5s
(2)	15.5	-	15.3	-	
(3)	15.4	-	15.6	-	
(4)	15.0	-	14.6	-	
(5)	15.9	-	15.5	-	
(Avg.)	15.3	-	15.2	-	
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℃ and tumble dry on the normal setting.

DETAILED RESULTS:

Fabric Weight Per Unit Area

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

Specimen No.	31*	32	33	34	35	Client's requirement
Items	Result	Result	Result	Result	Result	
(g/m^2)	342	335	83.3	82.8	169	N/A
(oz/yd^2)	10.1	9.88	2.46	2.44	4.98	N/A
Conclusion	Information only	Information only	Information only	Information only	Information only	-

Remark: *: This sample is not from the product, but a newly received sample

Tensile Strength

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

Specimen No.	31*ϕ	32	33	34	---	Client's requirement (lbf)
Items	Result (lbf)	Result (lbf)	Result (lbf)	Result (lbf)	Result (lbf)	
Warp	589.8	581.4	145.7	143.9	---	Min. 25
Weft	488.1	460.5	131.9	124.6	---	Min. 25
Conclusion	PASS	PASS	PASS	PASS	---	-

Remark: *: This sample is not from the product, but a newly received sample

DETAILED RESULTS:

Tearing Strength

Test Method: ASTM D1424-09(R2013); Elmendorf

Specimen No.	31*	32	33	34	---	Client's requirement (lbf)
Items	Result (lbf)	Result (lbf)	Result (lbf)	Result (lbf)	Result (lbf)	
Warp yarns torn	>14.1	>14.1	5.0	5.1	---	Min. 1.5
Weft yarns torn	>14.1	>14.1	4.2	4.5	---	Min. 1.5
Conclusion	PASS	PASS	PASS	PASS	---	-

Note:
(1) Warp test – test in which the Warp yarns are torn.
Weft test – test in which the Weft yarns are torn.
(2) The maximum capacity of the tester is 14.1lbf
(3) *: This sample is not from the product, but a newly received sample

Seam Strength

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

Specimen No.	29-Shell with lining	30-Shell with lining	Client's requirement (lbf)
Items	Result (lbf)	Result (lbf)	
Side seam	182.8(S.T.B.)	154.6(S.T.B.)	Min. 25
Bottom seam- Length	139.1(Y.P.O.)	167.8(S.T.B.)	Min. 25
Bottom seam-Width	278.5(Y.P.O.)	168.0(S.T.B.)	Min. 25
Conclusion	PASS	PASS	-

Remarks: S.T.B. = Sewing Thread Breaks.
Y.P.O. = Yarn Pull Out.

DETAILED RESULTS:

Abrasion Resistance

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

Specimen No.	29-Grey shell fabric	30-Black shell fabric	Client's requirement (rubs)
Items	Result (rubs)	Result (rubs)	
End point	>10000	>10000	10000
Conclusion	PASS	PASS	-

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

Pilling Resistance

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

Specimen No.	31*	32	Client's requirement
Items	Result	Result	
As received Rating	4.5	4.5	Min. 3.5
Conclusion	PASS	PASS	-

Remarks: Pilling Rating

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

Remarks: *: This sample is not from the product, but a newly received sample

DETAILED RESULTS:

Zipper Strength

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

Specimen No.	36	
Items	Result	Client's requirement
Chain Crosswise Strength Test$^{\phi}$ (lbf)	143.0(Elements pull out)	Min. 75
Element Pull-Off Test (lbf)	54.1(Elements pull off)	Min. 10
Element Slippage Test (lbf)	32.6(Elements pull off)	Min. 9
Resistance to Pull-Off Slider Pull (lbf)	>101 (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.	36	
Items	Result	Client's requirement
Chain opening (lbf)	0.8	Max. 2
Chain closing (lbf)	0.8	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.

DETAILED RESULTS:

Zipper Strength

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

Specimen No.	37	
Items	Result	Client's requirement
Chain Crosswise Strength Test$^{\phi}$ (lbf)	209.0(Fabric rupture)	Min. 175
Resistance to Pull-Off Slider Pull (lbf)	88.2(Puller pull out)	Min.35
Resistance to Twist of Pull and Slider Test Clockwise (lb. inch) Counter-Clockwise (lb. inch)	 5.0 5.8	Min.4
Conclusion	PASS	

Zipper Operability

Test Method: ASTM D2062-03(R2014)

Specimen No.	37	
Items	Result	Client's requirement
Chain opening (lbf)	0.5	Max. 2
Chain closing (lbf)	0.6	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 9 of tested specimens, based on the request from the applicant.

DETAILED RESULTS:

Shear Strength Of Hook & Loop

Test Method: ASTM D5169-98(R2015);

Specimen No.	38		Client's requirement
Items	Result		
	Original	After 5000 cycles	
Mean Shear Strength (Kpa)	117	108	Min. 65
Conclusion	PASS	PASS	-

Peeling Strength of Hooks

Test Method: ASTM D5170-98(R2015);

Specimen No.	38		Client's requirement
Items	Result		
	Original	After 5000 cycles	
Mean Peel Strength (N/mm)	0.25	0.21	Min. 0.08
Conclusion	PASS	PASS	-

DETAILED RESULTS:

Water Repellency-Spray Test

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

Specimen No.	31			Client's requirement
Items	Result			
	Specimen 1#	Specimen 2#	Specimen 3#	
As received Rating	100	100	100	Min. 90
Conclusion	PASS			-

Specimen No.	32			Client's requirement
Items	Result			
	Specimen 1#	Specimen 2#	Specimen 3#	
As received Rating	100	100	100	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

DETAILED RESULTS:

Water Resistance –Rain Test

Test Method: AATCC 35-2013; Rain Test-2ft head Pressure; 2-min impact

Specimen No.	31				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				-

Specimen No.	32				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				-

DETAILED RESULTS:

Fiber Content

Test Method: AATCC 20-2018

Specimen No.	29-Grey shell fabric	29-Grey main lining	Client's requirement (%)
Items	Result (%)	Result (%)	
Polyester	100	100	N/A
Conclusion	Information only	Information only	-

Specimen No.	30-Black shell fabric	30-Blue main lining	Client's requirement (%)
Items	Result (%)	Result (%)	
Polyester	100	100	N/A
Conclusion	Information only	Information only	-

DETAILED RESULTS:

Client's Requirement for Static Load Test

Test Item	Test Method	Requirement	Conclusion
Static Load test	Place the test load on the bag with 50lb for 2 hours.	No damage	PASS

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Silvery metal	Frame of lobster clasp(black style)
2	Silvery metal	Push rod of lobster clasp(black style)
3	Black textile	Big zipper cloth(black style)
4	Black plastic	Big zipper teeth(black style)
5	Black textile	Big zipper puller(black style)
6	Black metal	Big zipper puller(black style)
7	Black metal	Big zipper slider(black style)
8	Black metal	Small zipper puller(black style)
9	Black metal	Small zipper slider(black style)
10	Black textile	Small zipper cloth(black style)
11	Black plastic	Small zipper teeth(black style)
12	Black textile	Main body(black style)
13	Grey textile	Main body(grey style)
14	Blue textile	Lining(black style)
15	Grey textile	Lining(grey style)
16	Black textile	Edge of lining(black style)
17	Grey foam	Main body filler(black style)
18	Silvery metal	Base of lobster clasp(black style)
19	Black textile	Handle(black style)
20	Black textile	Elastic of lining(all styles)
21	Grey soft plastic	Elastic of lining(all styles)
22	Black textile	Velcro of elastic(black style)
23	Black plastic	Velcro of elastic(black style)
24	Black mesh textile	Lining of filler pocket(black style)
25	Black printed white textile	Label(all styles)
26	Silvery metal	Fixed button of straps (black style)

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
27	Silvery metal	Adjustable buckle frame(black style)
28	Silvery metal	Adjustable buckle pin(black style)
29	Grey bag	Finished product
30	Black bag	Finished product
31	Grey fabric for shell of grey bag	Raw material
32	Black fabric for shell of black bag	Raw material
33	Grey fabric for lining of grey bag	Raw material
34	Blue fabric for lining of black bag	Raw material
35	Black mesh fabric for inner of black bag & grey bag	Raw material
36	Plastic zipper	Raw material
37	Nylon zipper	Raw material
38	Black Velcro tape	Raw material
39	Dark grey fabric	Raw material

SAMPLE PHOTO:

SAMPLE PHOTO:

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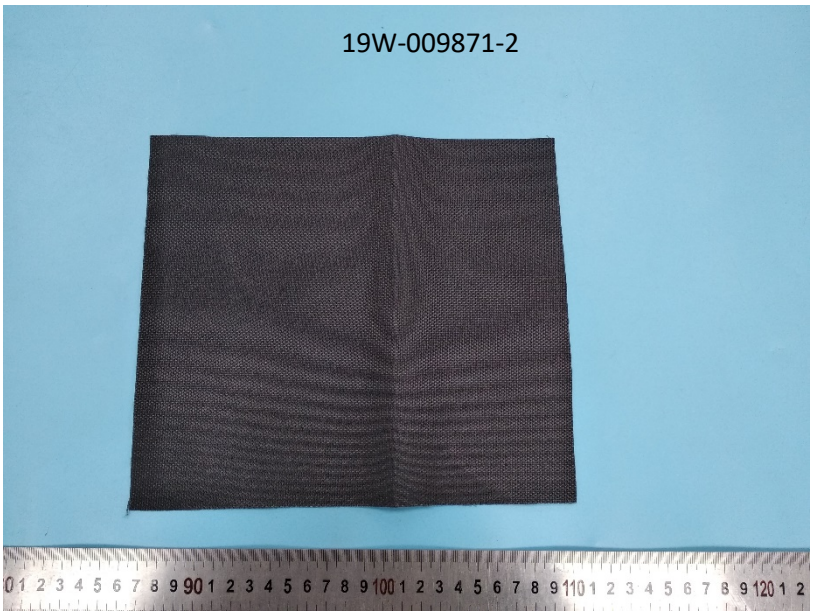
SAMPLE PHOTO:

SAMPLE PHOTO:

SAMPLE PHOTO:



-End Report-