

Textile Laboratory

Test Report

No: TXB0384 /2014 /SP

Date: Nov. 12, 2014

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Voll Will Enterprise Co., Ltd
No. 186 Sec. 3 Chien Kang Rd.
Tainan Taiwan R.O.C.

The following sample was submitted and identified by applicant as:

Sample Description : One sample of FIR-SKIN ® Gx knitted fabric

Color : Black/Red

Fiber Content : Outer Fabric: 85% Polyester 15% Spandex
Middle Membrane : 100% TPU
Inner Fabric : 92% Polyester 8% Spandex


Manufacturer/Vendor : Voll Will Enterprise Co., Ltd

Country of Origin : Taiwan

Applicant : Voll Will Enterprise Co., Ltd

Sample Receiving Date : Nov. 07, 2014

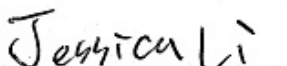
Test Performance Period : Nov. 07, 2014 to Nov. 12, 2014

Client's Provided Care Label : 

Test Performed : Selected test(s) as requested by applicant.

Test Results : For further details, please refer to the following page(s).

Signed for and on behalf of
SGS Taiwan Ltd.


Li Chi Chen, Jessica
Test Specialist

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Test Results:

Cadmium

Test Method: With reference to IEC 62321-5:2013 - Analysis was conducted with Inductively Coupled Plasma (ICP).

	<u>Result</u> <u>(mg/kg)</u>
Cadmium (Cd)	ND

Note: ND = Not Detected
Detection limit = 2 mg/kg
Remark: Test was conducted in single trial.

Lead

Test Method: With reference to IEC 62321-5: 2013. Analysis was conducted by Inductively Coupled Plasma (ICP).

	<u>Result</u> <u>(mg/kg)</u>
Lead (Pb)	ND

Note: ND = Not Detected
Detection limit = 2 mg/kg

Mercury

Test Method: With reference to IEC 62321-4: 2013. Analysis was conducted by Inductively Coupled Plasma (ICP)

	<u>Result</u> <u>(mg/kg)</u>
Mercury (Hg)	ND

Note: ND = Not Detected
Detection limit = 2 mg/kg

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Test Results:

Chromium VI

Test Method: With reference to IEC 62321: 2008. Analysis was conducted by UV/VIS Spectrometry.

	<u>Result</u> <u>(mg/kg)</u>
Chromium (VI)	ND

Note: ND = Not Detected
Detection Limit = 2 mg/kg

Polybrominated Biphenyls (PBBs)

Test Method: With reference to IEC 62321: 2008. Analysis was conducted by GC-MS.

Compounds	<u>Result</u> <u>(mg/kg)</u>
Monobromobiphenyl	ND
Dibromobiphenyl	ND
Tribromobiphenyl	ND
Tetrabromobiphenyl	ND
Pentabromobiphenyl	ND
Hexabromobiphenyl	ND
Heptabromobiphenyl	ND
Octabromobiphenyl	ND
Nonabromobiphenyl	ND
Decabromobiphenyl	ND
Sum of PBBs	ND

Note: ND = Not Detected
Detection limit = 5 mg/kg

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Test Results:

Polybrominated Biphenyl Ethers (PBDEs)

Test Method: With reference to IEC 62321: 2008. Analysis was conducted by GC-MS.

Compounds	<u>Result</u> <u>(mg/kg)</u>
Monobromobiphenyl ether	ND
Dibromobiphenyl ether	ND
Tribromobiphenyl ether	ND
Tetrabromobiphenyl ether	ND
Pentabromobiphenyl ether	ND
Hexabromobiphenyl ether	ND
Heptabromobiphenyl ether	ND
Octabromobiphenyl ether	ND
Nonabromobiphenyl ether	ND
Decabromobiphenyl ether	ND
Sum of PBDEs	ND

Note: ND = Not Detected
Detection limit = 5 mg/kg

Above test items were tested by relevant SGS laboratories.

*** End of Report ***