

SHANGHAI LANGFENG INDUSTRIAL CO., LTD.

Room 910, Building 6, Luxiang Road 111, Baoshang District, Shanghai, China

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : A. Three pairs of ankle boots in black
B. Three pieces of composite plates

Manufacturer : Shanghai Langfeng Industrial Co., Ltd.
Ref. No. : M-8356RB
Size : Men's US 9
Construction : Injection
Protective toe cap : Composite Toecap
Protective insole : Kevlar Plate
Upper : Cow Leather
Vamp Lining : Sandwich Mesh
Quarter Lining : Sandwich Mesh
In-sock (foot-bed) : EVA Coated Mesh
Sole (Midsole & Outsole) : PU/Rubber
Standards : ASTM F2413-18

Sample Receiving Date : Nov 23, 2020
Testing Period : Nov 23, 2020 - Nov 27, 2020
Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

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

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



Asan_Huang(Approved Signatory)



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Conclusion	A Size 9#	B	Remark
Impact Resistance	PASS	-	
Compression Resistance	PASS	-	
Electric Hazard Resistance	PASS	-	
Puncture Resistance	-	PASS	



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Test Result

Impact Resistance

(ASTM F2412-18a, Clause 5;)

A Size 9#

	No. 1	No. 2	No. 3	Average	Requirement
Internal Height Clearance(mm)	19.1	18.5	17.2	18.2	Min. 12.7 mm

Conclusion PASS

Compression Resistance

(ASTM F2412-18a, Clause 6;)

A Size 9#

	No. 1	No. 2	No. 3	Average	Requirement
Internal Height Clearance(mm)	22.3	22.2	23.6	22.7	Min. 12.7 mm

Conclusion PASS

Electric Hazard Resistance

(ASTM F2412-18a, Clause 9; Test Voltage: 18 kV; Test Period: 1 min)

A Size 9#

	No. 1	No. 2	No. 3	Average	Requirement
Leakage Current(mA)	0.2	0.2	0.2	0.2	Max. 1.0 mA

Conclusion PASS

Puncture Resistance

(ASTM F2412-18a, Clause 11.5;)

B

	No. 1	No. 2	No. 3	Requirement
Assessment(No Unit)	No visually penetration	No visually penetration	No visually penetration	See Remark

Conclusion PASS

Remark: When viewed at 90°angle, the tip of the test pin does not visually penetrate beyond the face of the material nearest the foot, after an applied force of 1200N

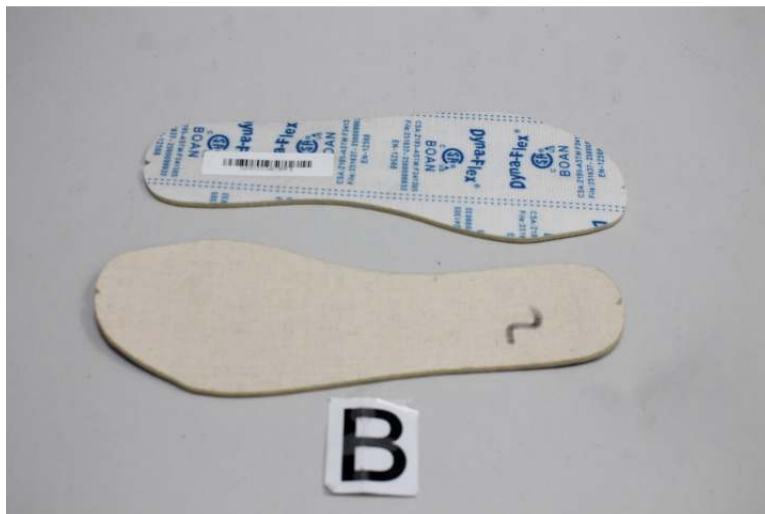


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Sample Photo



A



B

The statement of conformity in this test report is only based on measured values by the laboratory and does not take their uncertainties into consideration.

End of Report



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