





Test Report SL92019324488101FW Date:December 17,2020 Page 1 of 4

SHANGHAI LANGFENG INDUSTRIAL CO., LTD.

Room 910, Building 6, 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 /wheat

B:Three pieces of composite plate

Manufacturer : Shanghai Langfeng Industrial Co., Ltd

Ref. No. : M-8361
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 : Dec 14, 2020

Testing Period : Dec 14, 2020 - Dec 17, 2020

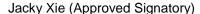
Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the

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











Test Report

SL92019324488101FW

Date:December 17,2020

Page 2 of 4

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



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Test Report

SL92019324488101FW

Page 3 of 4

Test Result

Impact Resistance

(ASTM F2412-18a, Clause 5;)

A Size 9#

	No. 1	No. 2	No. 3	Average	Requirement
Internal Height Clearance(mm)	18.2	19.5	19.8	19.2	Min. 12.7 mm

PASS Conclusion

Compression Resistance

(ASTM F2412-18a, Clause 6;)

A Size 9#

	No. 1	No. 2	No. 3	Average	Requirement
Internal Height Clearance(mm)	23.6	24.2	23.5	23.7	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)	0.3	0.3	0.3	0.3	Max. 1.0 mA

Conclusion **PASS**

Puncture Resistance

(ASTM F2412-18a, Clause 11.5;)

В

	No. 1	No. 2		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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Test Report

SL92019324488101FW

Date: December 17,2020

Page 4 of 4





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

