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CNAS L0220

TEST REPORT

Number: GZHT91320734

Applicant: WELLMAX PRODUCTS CO., LTD
8F-5, NO.247, YIXIN ST., EAST DIST.,
TAICHUNG CITY 401, TAIWAN (R.O.C.)
Attn: JAY

Date: Mar 11, 2025

Sample Description:
One (1) roll of submitted sample said to be WELLMAX V NY-07 ANTIPENETRATION MID SOLE in White.

Standard	:	EN ISO 22568-4:2021
Style No./Name	:	WELLMAX V NY-07 ANTIPENETRATION MID SOLE
Date Received	:	Mar. 04, 2025
Testing Period	:	Mar. 04, 2025--Mar. 10, 2025

Test Result Please Refer To Attached Page(S).

Should you have any query on this report, you may contact at gzfootwear@intertek.com

Authorized By:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch

Guiliang Dong
Senior Lab Manager

CL / jackiezheng

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Tests Conducted (As Requested By The Applicant)

1 Resistance To Perforation (Non-Metallic Perforation Resistant Inserts) (EN ISO 22568-4:2021, 5.1.2, **Method PS And Annex B**, Diameter Of Test Nail: (3.0±0.03) mm, Speed: (10±3) mm/min, Conditioning: At Least 24 h At (23±2)℃ And (50±5)% R.H.)

Perforation Point	Results	Requirement	Pass/Fail
Point 1	1345 N	Min. 950 N	Pass
Point 2	1375 N	Min. 950 N	Pass
Point 3	1300 N	Min. 950 N	Pass
Point 4	1295 N	Min. 950 N	Pass
Point 5	1324 N	Min. 950 N	Pass
Average Value	1328 N	Min. 1100 N	Pass

2 Resistance To Perforation After Acid Sweat Treatment (Non-Metallic Perforation Resistant Inserts) (EN ISO 22568-4:2021, 5.3.3 & ISO 105-E04:2013, 4.4, **Method PS And Annex B**, Speed: (10±3) mm/min, Conditioning Before Testing: (23±2)℃ For 24 h)

Acid Sweat Treatment: pH 5.5 Acid Sweat Solution: (23±2)℃ For 24 Hours				
Sample 1	Perforation Point	Results	Requirement	Pass/Fail
	Point 1	1218 N	Min. 950 N	Pass
	Point 2	1201 N	Min. 950 N	Pass
	Point 3	1252 N	Min. 950 N	Pass
	Point 4	1298 N	Min. 950 N	Pass
	Point 5	1203 N	Min. 950 N	Pass
	Average Value	1234 N	Min. 1100 N	Pass
Sample 2	Perforation Point	Results	Requirement	Pass/Fail
	Point 1	1275 N	Min. 950 N	Pass
	Point 2	1275 N	Min. 950 N	Pass
	Point 3	1294 N	Min. 950 N	Pass
	Point 4	1423 N	Min. 950 N	Pass
	Point 5	1239 N	Min. 950 N	Pass
	Average Value	1301 N	Min. 1100 N	Pass

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3 Resistance To Perforation After Alkali Sweat Treatment (Non-Metallic Perforation Resistant Inserts) (EN ISO 22568-4:2021, 5.3.4 & ISO 105-E04:2013, 4.3, **Method PS And Annex B**, Speed: (10±3) mm/min, Conditioning Before Testing: (23±2)℃ For 24 h)

Alkali Sweat Treatment: pH 8.0 Alkali Sweat Solution: (23±2)℃ For 24 Hours				
Sample 1	Perforation Point	Results	Requirement	Pass/Fail
	Point 1	1263 N	Min. 950 N	Pass
	Point 2	1359 N	Min. 950 N	Pass
	Point 3	1391 N	Min. 950 N	Pass
	Point 4	1378 N	Min. 950 N	Pass
	Point 5	1336 N	Min. 950 N	Pass
	Average Value	1345 N	Min. 1100 N	Pass
Sample 2	Perforation Point	Results	Requirement	Pass/Fail
	Point 1	1342 N	Min. 950 N	Pass
	Point 2	1183 N	Min. 950 N	Pass
	Point 3	1199 N	Min. 950 N	Pass
	Point 4	1265 N	Min. 950 N	Pass
	Point 5	1398 N	Min. 950 N	Pass
	Average Value	1277 N	Min. 1100 N	Pass

4 Resistance To Perforation After High Temperature Treatment (Non-Metallic Perforation Resistant Inserts) (EN ISO 22568-4:2021, 5.3.2, **Method PS And Annex B**, Speed: (10±3) mm/min)

High Temperature Treatment: 60±2℃ For 4 Hours, Then 45±2℃ For Another 18 Hours				
Sample 1	Perforation Point	Results	Requirement	Pass/Fail
	Point 1	1080 N	Min. 950 N	Pass
	Point 2	1249 N	Min. 950 N	Pass
	Point 3	1199 N	Min. 950 N	Pass
	Point 4	1295 N	Min. 950 N	Pass
	Point 5	1291 N	Min. 950 N	Pass
	Average Value	1233 N	Min. 1100 N	Pass
Sample 2	Perforation Point	Results	Requirement	Pass/Fail
	Point 1	1183 N	Min. 950 N	Pass
	Point 2	1288 N	Min. 950 N	Pass
	Point 3	1313 N	Min. 950 N	Pass
	Point 4	1246 N	Min. 950 N	Pass
	Point 5	1197 N	Min. 950 N	Pass
	Average Value	1244 N	Min. 1100 N	Pass

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5 Resistance To Perforation After Fuel Oil Treatment (Non-Metallic Perforation Resistant Inserts) (EN ISO 22568-4:2021, 5.3.5, **Method PS And Annex B**, Speed: (10±3) mm/min, Conditioning Before Testing: (23±2)℃ For 24 h)

Fuel Oil Treatment: 2,2,4-Trimethylpentane: (23±2)℃ For 24 Hours				
Sample 1	Perforation Point	Results	Requirement	Pass/Fail
	Point 1	1031 N	Min. 950 N	Pass
	Point 2	1161 N	Min. 950 N	Pass
	Point 3	1182 N	Min. 950 N	Pass
	Point 4	1275 N	Min. 950 N	Pass
	Point 5	1274 N	Min. 950 N	Pass
	Average Value	1185 N	Min. 1100 N	Pass
Sample 2	Perforation Point	Results	Requirement	Pass/Fail
	Point 1	1232 N	Min. 950 N	Pass
	Point 2	1282 N	Min. 950 N	Pass
	Point 3	1302 N	Min. 950 N	Pass
	Point 4	1228 N	Min. 950 N	Pass
	Point 5	1208 N	Min. 950 N	Pass
	Average Value	1250 N	Min. 1100 N	Pass

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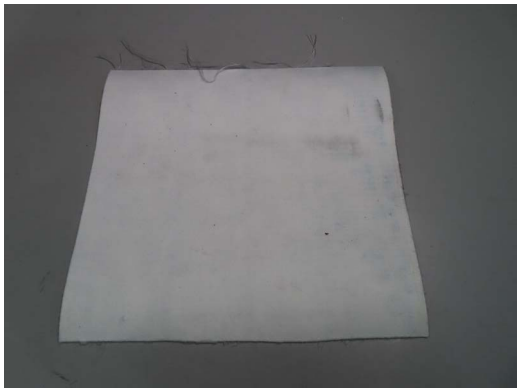

End Of Report

Remark:
1. As Requested by the Applicant, For Details Refer to Attached Page (S).
2. All the tested item are tested under the standard condition.
3. The report is valid with commission test only for the test samples in the case of delivering samples by clients.

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