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TEST REPORT



中国认可  
国际互认  
检测  
TESTING  
CNAS L0220

Number: GZHT91280536

Date: Aug 26, 2024

Applicant: CORTINA N.V.  
MEERSBLOEM-MELDEN 42,  
9700 OUDENAARDE,BELGIUM

Attn: REBECCA/JENNY

Sample Description:

Five (5) pairs of submitted samples said to be SJ Flex Composite Inserts in Black/White.  
Standard : ASTM F2413-24  
Size : --  
Buyer's Name : CORTINA  
Ref. No : SJ Flex Composite Insert  
Brand : SAFETY JOGGER  
Manufacturer : CORTINA  
Colour : Black/White  
Vendor : --  
Supplier : --  
P.O. No. : --  
Ref. : --  
Country Of Origin : --  
Goods Exported To : E.U./ U.S.  
Date Received/Date Test Started : Aug. 15, 2024  
Date Final Information Confirmed: --

Test Result Please Refer To Attached Page(S).

Should you have any query on this report, you may contact at [gzfootwear@intertek.com](mailto:gzfootwear@intertek.com)

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

Guiliang Dong  
Senior Lab Manager



/ lynnyang

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检验检测专用章

SHENZHEN  
GUANGZHOU BRANCH  
(6)

- 1 Puncture Resistance Footwear (PR) (ASTM F2412-24, 11, Conditioned At 22°C And 50% RH For 24 h And Testing Performed At The Same Conditions.)

	Perforation Point			ASTM F2413-24 Requirement	Pass/Fail
	Test Point 1	Test Point 2	Test Point 3		
Left	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot After An Applied Force Of 1 200 N	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot After An Applied Force Of 1 200 N	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot After An Applied Force Of 1 200 N	Min. 1 200 N (*)	Pass
Right	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot After An Applied Force Of 1 200 N	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot After An Applied Force Of 1 200 N	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot After An Applied Force Of 1 200 N	Min. 1 200 N (*)	Pass
Right	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot After An Applied Force Of 1 200 N	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot After An Applied Force Of 1 200 N	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot After An Applied Force Of 1 200 N	Min. 1 200 N (*)	Pass

Remark: \* = The Test Pin Does Not Visually Penetrate Beyond The Face Of The Material Nearest The Foot After An Applied Force Of 1 200 N.



2 Corrosion Resistance For Puncture Resistant Plates (ASTM F2412-24, 11.8 & ASTM B117-19, 5% NaCl Solution For 24 Hours)

		<u>ASTM F2413-24 Requirement</u>	<u>Pass/Fail</u>
Left/Specimen 1:	No Signs Of De-Lamination And Deterioration.	*	Pass
Right/Specimen 2:	No Signs Of De-Lamination And Deterioration.	*	Pass
Left/Specimen 3:	No Signs Of De-Lamination And Deterioration.	*	Pass

Remark: \* = No Sign Of Corrosion, De-lamination, Or Deterioration.

3 Flex Resistance For Puncture Resistant Devices (ASTM F2412-24, 11.7 & CSA Z195-14, 6.3.2)

		<u>ASTM F2413-24 Requirement</u>	<u>Pass/Fail</u>
Left/Specimen 1:	No Signs Of De-lamination Of Layers Or Cracking After $1.5 \times 10^6$ Flexes.	*	Pass
Right/Specimen 2:	No Signs Of De-lamination Of Layers Or Cracking After $1.5 \times 10^6$ Flexes.	*	Pass
Right/Specimen 3:	No Signs Of De-lamination Of Layers Or Cracking After $1.5 \times 10^6$ Flexes.	*	Pass

Remark: \* = No Signs Of De-lamination Of Layers Or Cracking After  $1.5 \times 10^6$  Flexes.



End Of Report

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**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.