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Total Quality. Assured. TEST REPORT



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

Attn: ROCK/REBECCA

Sample Description:

Three (3) pairs of submitted samples said to be Non-metallic anti-penetration inserts.				
Standard :	ASTM F2413-18			
Size :	US 9			
Buyer's Name :				
Ref. No :	RAPTOR/XPLORE/CERES/ISIS/ULTIMA/ROCKET81/PREMIUM			
Brand :	SAFETY JOGGER			
Manufacturer :	CORTINA			
Colour :				
Vendor :				
Supplier :				
P.O. No. :				
Ref. :	SJ FLEX composite Anti-penetration device			
Country Of Origin :	China			
Goods Exported To :	Belgium/U.S.A.			
Date Received/Date Test Started:	Mar. 22, 2019			
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

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

Guiliang Dong Senior Lab Manager



MI / nicoleho

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Tel: +86 20 83966868 Fax: +86 20 82228169 Postcode: 510730

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1 Puncture Resistance Footwear (PR) (ASTM F2412-18a, 11, Conditioned At 22℃ And 50% RH For 24 h And Testing Performed At The Same Conditions.)

		ASTM F2413-18 Requirement	Pass/Fail
Left:	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot Before 1 200 N.	Min. 1 200 N (*)	Pass
Right :	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot Before 1 200 N.	Min. 1 200 N (*)	Pass
Right :	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot Before 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.

2 Flex Resistance For Puncture Resistant Devices (ASTM F2412-18a, 11.7 & CSA Z195-14, 6.3.2)

		ASTM F2413-18	Pass/Fail
		<u>Requirement</u>	
Left:	No Signs Of De-lamination Of Layers Or	*	Pass
	Cracking After 1.5 x 10^6 Flexes.		
Right:	No Signs Of De-lamination Of Layers Or	*	Pass
	Cracking After 1.5 x 10^6 Flexes.		
Left:	No Signs Of De-lamination Of Layers Or	*	Pass
	Cracking After 1.5 x 10 ⁶ Flexes.		
Remark: * =	No Signs Of De-lamination Of Layers Or Cracking	After 1.5 x 10° Flexes.	

/ nicoleho

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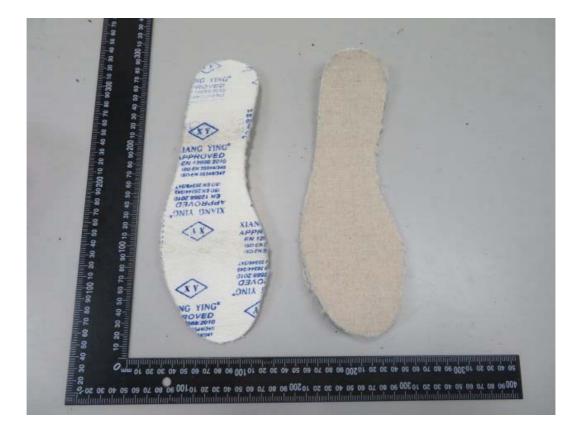
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End Of Report

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/ nicoleho

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