



中国认可
国际互认
检测
TESTING
CNAS-L0167

Test Report

SL92419319559101FW

Date: July 20, 2024 Page 1 of 5

Applicant: CORTINA NV
MEERSBLOEM- MELDEN 42,
9700 OUDENAARDE, BELGIUM

Attn: Peter De Mezure

The following products were identified on behalf of the client as:

The following sample(s) was/were submitted for testing:

Sample Description : Four and Half Pairs of SJ FLEX Composite Insert

Buyer's Name : CORTINA
Brand : SAFETY JOGGER
Manufacturer : CORTINA
Puncture Resistant Device : SJ FLEX Composite Insert
Standard : ASTM F2413-18

Sample Receiving Date : Jul 16, 2024

Testing Period : Jul 16, 2024 - Jul 20, 2024

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).

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

Asan Huang (Approved Signatory)

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.



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Conclusion	A	Remark
Puncture Resistance	P	
Flexing Resistance For Puncture Resistance Plates	P	
Corrosion Resistance For Non-metallic Puncture Resistance Plates	P	

Remark(s) : P = Meet Client's Requirement.
F = Below Client's Requirement.
= No Specified Requirement.
NA = Not Applicable.



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Test Result

Personal Protective Equipment - Safety Footwear

ASTM F2413-18

Puncture Resistance

(ASTM F2412-18a, Clause 11.5)

A

	No. 1	No. 2	No. 3	Requirement
Assessment (Specimen 1)	No Visually penetration.	No Visually penetration.	No Visually penetration.	See Remark
Assessment (Specimen 2)	No Visually penetration.	No Visually penetration.	No Visually penetration.	See Remark
Assessment (Specimen 3)	No Visually penetration.	No Visually penetration.	No Visually penetration.	See Remark

Conclusion

Pass

Remark: 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

Flexing Resistance For Puncture Resistance Plates

(ASTM F2412-18a, Clause 11.7)

A

	No. 1	No. 2	No. 3	Requirement
Assessment	No Visible Signs of Cracking	No Visible Signs of Cracking	No Visible Signs of Cracking	See Remark

Conclusion

Pass

Remark: The specimen shall show no visible signs of delamination of layers or cracking after 1.5 x 10⁶ flexes.



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Corrosion Resistance For Non-metallic Puncture Resistance Plates

(ASTM F2412-18a, Clause 11.8; Concentration of salt solution: 5 %; Exposure period: 24 h in accordance with practice ASTM B117-19 (For non-Metallic))

A

	No. 1	No. 2	No. 3	Requirement
Assessment	No signs of de-lamination and deterioration	No signs of de-lamination and deterioration	No signs of de-lamination and deterioration	See Remark

Conclusion

Pass

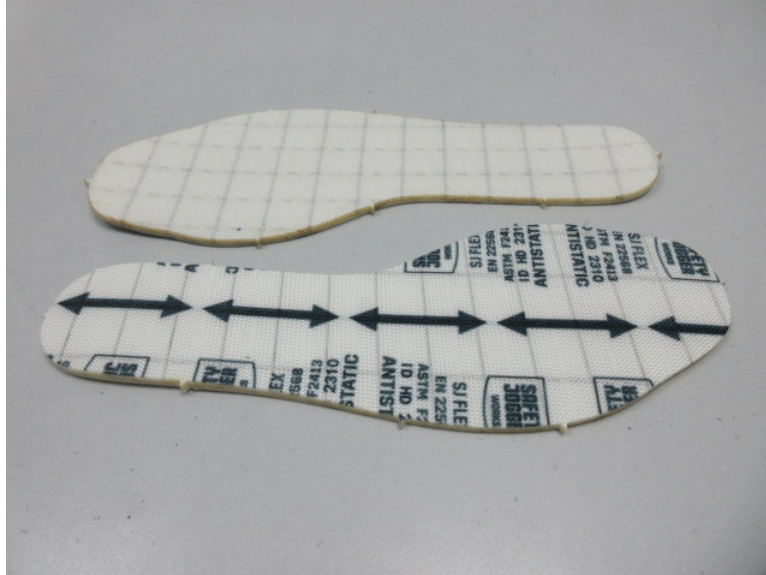
Remark: No signs of de-lamination, or deterioration after exposure.



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Sample Photo



Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

End of Report

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