



中国认可  
国际互认  
检测  
TESTING  
CNAS-L0167

Test Report

SL92419306801001FW

Date: June 24, 2024 Page 1 of 4

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

Attn: Peter De Mezure

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

Sample Description : Four and half Pairs of SJ FLEX Composite Insert EH

Buyer's Name : CORTINA  
Brand : SAFETY JOGGER  
Manufacturer : CORTINA  
Puncture Resistant Device : SJ FLEX Composite Insert EH  
Standard : ASTM F2413-18  
Test Performance/  
Standard : See Testing Results Page

Sample Receiving Date : Jun 20, 2024

Testing Period : Jun 20, 2024 ~ Jun 24, 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)

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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

**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 10<sup>6</sup> flexes.

**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



**Product information is provided by applicant without verification or authentication of the brand.**

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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