



Number: GZHT90866858

CORTINA N.V. Date: Feb 25, 2019

MEERSBLOEM-MELDEN 42, 9700 OUDENAARDE,BELGIUM

Attn: PETER DE MEZURE

Sample Description:

Brand

Colour

Manufacturer

Applicant:

Six (6) groups of submitted samples said to be:
(A) One (1) pair of Men's safety shoes in Black
(B) One (1) pair of Men's safety shoes in White
(C) One (1) pair of Men's safety ankle boots in White
(D) One (1) pair of Men's safety shoes in Black
(E) One (1) pair of Men's safety shoes in Black

(E) One (1) pair of Men's safety shoes in White (F) Four and a half (4.5) pairs of insole boards Standard : ASTM F2413-18

Size : US 9

Buyer's Name : CORTINA N.V.
Ref. No : (A) DOLCE81
(B) GUSTO81
(C) LUNGO81
(D) ROMA81

(E) VOLLUTO81 : SAFETYJOGGER : CORTINA N.V. : Black, White

Vendor : --Supplier : --P.O. No. : --

Ref. : Men Casual low Safety with M2329 PU/RUBBER sole

Steel plate used on

DOLCE/DOLCE81/GUSTO81/LUNGO81/ROMA81/VOLLUTO81

Country Of Origin : --

Goods Exported To : Belgium/U.S.A.

Date Received/Date Test Started: Feb. 19, 2019/Feb. 11, 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:





General Manager



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Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

深圳天祥质量技术服务有限公司广州分公司

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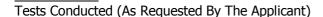
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Economic & Technological Development District, Guangzhou,





TEST REPORT





Number: GZHT90866858

1 Protective Toe Impact Resistance (I) (ASTM F2412-18a, 5, Impact Force: 101.7 J (75 lbf), Testing Performed At 22 °C And 50 % RH)

| | (A) | ASTM F2413-18 Requirement | Pass / Fail |
|--------|---------------------------|------------------------------|-------------|
| | Interior Height Clearance | · | |
| Left: | 22.3 mm | ≥ 12.7 mm | Pass |
| Right: | 21.6 mm | ≥ 12.7 mm | Pass |
| | | ACTM E2412 10 | |
| | (D) | ASTM F2413-18 Requirement | Pass / Fail |
| | Interior Height Clearance | | |
| Left: | 21.3 mm | ≥ 12.7 mm | Pass |
| | | | |

2 Protective Toe Compression Resistance (C) (ASTM F2412-18a, 6, Compression Force: 11 121 N (2 500 lbf), Testing Performed At 22 °C And 50 % RH)

| | (C) | ASTM F2413-18 Requirement | Pass/Fail |
|--------|---------------------------|------------------------------|-----------|
| | Interior Height Clearance | • | |
| Left: | 22.9 mm | ≥ 12.7 mm | Pass |
| Right: | 22.2 mm | ≥ 12.7 mm | Pass |
| | | | |
| | (D) | <u>ASTM F2413-18</u> | Pass/Fail |
| | | <u>Requirement</u> | |
| | Interior Height Clearance | | _ |
| Right: | 25.1 mm | ≥ 12.7 mm | Pass |
| | | | |

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Total Quality. Assured. TEST REPORT

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3 Static Dissipative Footwear (SD) (ASTM F2412-18a, 10, Conditioned At 22 °C And 50 % RH For 24 h And Testing Performed At The Same Conditions.)

| | (B) | | ASTM F2413-18 Requirement | Pass/Fail |
|----------|----------|--------------------------|------------------------------|-----------|
| | Left | $6.2 \times 10^7 \Omega$ | * | Pass |
| Sample 1 | Right | $5.7 \times 10^7 \Omega$ | * | Pass |
| | One Pair | $4.3 \times 10^7 \Omega$ | * | Pass |
| | (C) | _ | ASTM F2413-18 Requirement | Pass/Fail |
| | Left | $1.2 \times 10^7 \Omega$ | * | Pass |
| Sample 1 | Right | $2.0 \times 10^7 \Omega$ | * | Pass |
| | One Pair | $9.0 \times 10^6 \Omega$ | * | Pass |
| | (E) | | ASTM F2413-18 Requirement | Pass/Fail |
| | Left | $4.9 \times 10^7 \Omega$ | * | Pass |
| Sample 1 | Right | $5.2 \times 10^7 \Omega$ | * | Pass |
| | One Pair | $3.8 \times 10^7 \Omega$ | * | Pass |

Remark: * = SD 100 : $1 \times 10^6 \Omega \sim 1 \times 10^8 \Omega$

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

| | (F) | ASTM F2413-18 | Pass/Fail |
|------------|---|------------------|-----------|
| | The Test Die Did Net Depatuate Devend | Requirement | D |
| 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 | Min. 1 200 N (*) | Pass |
| 5 - | Foot Before 1 200 N. | | |
| | The Test Pin Did Not Penetrate Beyond | Min. 1 200 N (*) | Pass |
| Left: | The Face Of The Material Nearest The | | |
| | Foot Before 1 200 N. | | |

Remark: * = The Test Pin Does Not Visually Penetrate Beyond The Face Of The Material Nearest The Foot.

Corrosion Resistance For Puncture Resistant Plates (ASTM F2412-18a, 11.8 & ASTM B117, 5% NaCl Solution For 24 Hours)

| | (F) | ASTM F2413-18 | Pass/Fail |
|--------|-----------------------|--------------------|-----------|
| | | <u>Requirement</u> | |
| Left: | No Sign Of Corrosion. | * | Pass |
| Right: | No Sign Of Corrosion. | * | Pass |
| Right: | No Sign Of Corrosion. | * | Pass |

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

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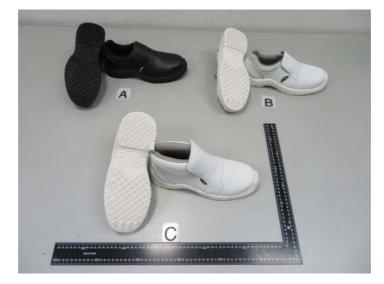
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End Of Report

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