



CLIENT: **GIASCO SRL**
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GL

FOR THE ATTENTION OF: Rita Zanconato

SAMPLING: done by the Applicant

SAMPLES RECEIVED: 28/03/2025

TEST PERIOD: 01-11/04/2025

SAMPLES: Safety footwear line **Hard Rock**, size 42, in the following articles:
- "**HRD055H**";
- "**HRD060D**".

REQUEST: Laboratory tests for the determination of electric resistance in accordance with analogue method of EN ISO 20344:2021 and ASTM F2413 (EH) / CSA Z195-14 at 20kV/60Hz.

OUTCOME: **PASS**

Notes:

All results refer exclusively to the tested materials as received.

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Positive results of a test report do not imply that the tested product is "certified" or "approved" by RCT.

Comments and interpretations are of subjective nature and not part of the Test Report.

Test carried out by qualified partner lab ISO 17025.

* Test not accredited by Accredia

Conformity assessment criterion: the result is considered compliant until the value falls within or coincides with the specification limit.

Unless otherwise indicated, the test conditions correspond to the reference standard.



References	Tests	Measuring unit	Requirements	Results
Requirement standard (method standard)				
EN ISO 20345:2022 (EN ISO20344:2021)	Safety footwear, class I			
6.2.2	Electric properties			
6.2.2.2 (analogous method 5.13) 1000 V	Insulating footwear (preliminary test) conditioning: 48h 23°C/50 % r.h.	MΩ	≥ 1000	4500
ASTM F2413-24	Electric hazard resistance			
Analogous method 5.6 (ASTM F2412-24 cl.9) (CSA Z195-14 cl. 4.6 – 6.5.2)	Electric hazard resistance (EH) 20kV / 60 Hz duration: 1 min increase: 1kV/sec Electric flux (size 42) - “HRD055H” - “HRD060D”	mA	≤ 1,0	0,46 (left) 0,38 (left) 0,33 (right)

- End of the Test Report -