

VOLT SB FO E P HRO

HRD055H

CE UNI EN ISO 20345:2012 SB FO E P HRO SRC

Low safety shoe, suede back leather thickness 1,8-2,0 mm.

External 3D fabric, perspiring and abrasion resistant.

Soft, lined and padded tongue.

COMPLETELY METAL FREE SHOE

TOECAP 200J polymeric **composite non-thermic** according to EN 12568

MIDSOLE flexible antiperforation composite INSULATING fabric according to EN 12568

SOLE HARD ROCK INSULATING bidensity polyurethane and **INSULATING RUBBER** resistant to hydrocarbons and to abrasion, anti-shock and anti-slipping **SRC**

-- The bottom of the shoe, within some limits (no humidity, it doesn't concern the upper), offers electrical resistance against tension up to 1.000V - M 0hm > 1.000

-- Electrical resistance: CSA Z195-14 Canadian standard □ increase 1 kV/sec - voltage 20.000V /60 hz - duration 1 minute

-- Electrical resistance: ASTM F2413-11 standard increase 1 kV/sec voltage 20.000V/60 Hz duration 1 minute Electric flow requirement less than 1,0 mA

DIELECTRIC INSOLE, removable, anatomic, absorbing, insulating and perspiring

FO sole resistance to hydrocarbons

E energy absorption on seat region

P antiperforation midsole

HRO resistance to hot contact of the outsole

THIS PRODUCT COMPLIES WITH THE REQUIREMENTS OF THE STANDARD ASTM F2413-24:

- Impact resistant footwear (I)
- Compression resistant footwear (C)
- Puncture Resistant Footwear (PR)
- Electric Hazard Resistant Footwear (EH)
- Slip Resistance (SRO)

Size 39-47 Shoe weight Sz 42 gr. 590



CERTIFICATIONS



TECHNOLOGIES AND MATERIALS



SECTORS

 ELECTRICIAN


SOLE



Hard Rock Dielectric is the specific shoe for people who work with **electrical cables** and are more exposed to a danger of electrocution. This is possible thanks to the **rubber** compound of the shoe which assures a complete protection from the discharges from the ground. Thanks to these specific materials we obtained 3 important sector certifications: canadian (**C.S.A. Z195-14**), and american (**ASTM 2413-11**) for the electrical resistance to 20.000V for 1 minute; the European one for the electrical resistance more than 1000MQ.

SRC

ANTISLIPPING TEST RESULTS		request	results
SRA ceramic + NaLS	HEEL	≥ 0,28	0,40
	FLAT	≥ 0,32	0,40
SRB steel + glycerol	HEEL	≥ 0,13	0,17
	FLAT	≥ 0,18	0,22*



SRA+SRB=

SRC
ANTI-SLIPPING SOLE

**after simulation of walking by slight abrasion*

PLUS



AIRNET®
Airnet® is a certified technology that guarantees the maximum perspiration of the foot by wearing a strong and abrasion resistant safety shoe. Thanks to its construction air tunnel, facilitates the air passage and the material, 100% polyester, guarantees a perfect resistance to abrasion, to traction, to tearing and to washing.