

# VOLT SB FO E P HRO

HRD055H

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

Low 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 hydrolysis ISO 5423:92, 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 -  $M \cdot \Omega > 1.000$

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

-- **Electrical resistance:** ASTM F2413-11 standard  $\square$  increase 1 kV/sec voltage 20.000V/60 Hz  $\square$  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

**Size 39-47 Shoe weight Sz 42 gr 590**



## CERTIFICATIONS



## TECHNOLOGIES AND MATERIALS



## SECTORS



## 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 1000M $\Omega$ .

## 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.

## ANTISLIPPING TEST RESULTS

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<b>SRA</b> ceramic + NaLS	<b>HEEL</b> >= 0,29	<b>0,31</b>
	<b>FLAT</b> >= 0,32	<b>0,32</b>
<b>SRB</b> steel + glycerol	<b>HEEL</b> >= 0,16	<b>0,20</b>
	<b>FLAT</b> >= 0,23	<b>0,28</b>