

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 - $M \Omega > 1.000$

-- **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 Ω .

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

SRC		VERY GOOD
ANTI-SLIPPING SOLE		
SRA ceramic + NaLS	HEEL \geq 0,28	0,48
	FLAT \geq 0,32	0,44
SRB steel + glycerol	HEEL \geq 0,13	0,22
	FLAT \geq 0,18	0,20