

AMPERE SB FO E P CI HI WRU HRO

HRD037T

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

High shoe, WRU suede back leather thickness 1,8-2,0 mm.
Highly perspiring and abrasion resistant fabric lining.
Shoe with refracting fabric insert. 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 - 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

CI cold insulation of sole complex -17°C

HI heat insulation of sole complex

Size 39-47 Shoe weight Sz 42 gr 625



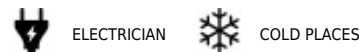
CERTIFICATIONS



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

ANTISLIPPING TEST RESULTS

ANTISLIPPING TEST RESULTS



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

