

FRANKLIN SB FO E P WRU HRO

HRD052T

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

Low shoe, WRU suede back leather, toe in anti-scratch leather thickness 1,8-2,0 mm. Highly perspiring and abrasion resistant fabric lining. 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 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

Size 37-47 Shoe weight Sz 42 gr. 600



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 1000MΩ.

PLUS

ANTISLIPPING TEST RESULTS

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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