

LIGHT SB FO E PL CI WPA SR

3R198E

CE EN ISO 20345:2022 SB FO E PL CI WPA SR

High safety shoe, suede back leather and WRU anti-scratch leather thickness 1,8-2,0 mm.

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 fabric according to EN 12568

3 RUN SOLE in dielectric triple-density polyurethane, resistant to hydrocarbons and abrasion, anti-shock and anti-slip.

- The sole, within specific conditions (no humidity, not applicable to the upper), provides electrical insulation against voltages up to 1000V □ Resistance M Ohm > 1,000

- Electrical resistance: Canadian standard CSA Z195 -14, increase 1 kV/sec, voltage 20,000V / 60 Hz, duration 1 minute. Required current leakage < 1.0 mA

- Electrical resistance: ASTM F2413-18 standard (similar method to ASTM F2412-18), increase 1 kV/sec, voltage 20,000V / 60 Hz, duration 1 minute. Required current leakage < 1.0 mA

ANTI TORSION insert in the sole to assure stability on uneven ground

DIELECTRIC INSOLE, extracomfort bimaterial with activated carbon, removable, anatomic, absorbing, antistatic, perspiring insulating and antibacterial.

Eco-Friendly

FO sole resistance to hydrocarbons

E energy absorption on seat region

P antiperforation midsole

CI cold insulation of sole complex -17°C

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 36-47 Shoe weight Sz 42 gr 520



CERTIFICATIONS



TECHNOLOGIES AND MATERIALS



SECTORS

 ELECTRICIAN  COLD PLACES

SOLE



3Run is a line with a **sporty** and youthful character, developed for those who work **indoors** and **outdoors on regular surfaces**.
3Run belongs to the **3D generation**. This shoe therefore has **3 different PU injected layers** with relative densities, each specialized to maximize comfort, anti-slip and foot stability.
Some of these models are also equipped with an **antitorsion** insert to guarantee further support to the foot at every step.

SRC

ANTISLIPPING TEST RESULTS



SRC
ANTI-SLIPPING SOLE

SRA ceramic + NaLS	HEEL >= 0,28 FLAT >= 0,32	0,47 0,47
SRB steel + glycerol	HEEL >= 0,13 FLAT >= 0,18	0,23 0,26

PLUS



ANTI TORSION
The usage of the anti-torsion shank is finalized to give to the shoe extreme stability on every ground. Mostly indicated for the building sector, where the risks caused by uneven and wet grounds are higher, this technology is very useful for people working on ladders (painters, windows' cleaners, bricklayers) as it increases the stability in the centrla part of the plant, the mostly standed area on the ladder. It limits the heel stress and helps plant arch and ankle.



3D TRIPLA DENSITA' INIETTATA
3D is a revolutionary certified technology that offers the only shoe with three different layers of polyurethane injected. The most external section, with hard mix, offers the maximum resistance for the surface contact and perfect SRC performances. The middle part, with a softer mix, assures comfort when walking. The higher section, next to the upper, guarantees better stability to the foot. Three densities and the combination of three colors are the special characteristics of this new shoes generation.