

ELECTRO SB FO E PL SR

3R435N

CE EN ISO 20345:2022 SB FO E PL SR

Low safety shoe, technical fabric MICRO-tech thickness 1,8-2,0 mm., and perspiring and abrasion resistant net.
Highly perspiring and abrasion resistant net.
Soft, lined and padded tongue.

COMPLETELY METAL FREE SHOE

TOECAP 200J polymeric composite non-thermic according to EN 22568

PL MIDSOLE flexible antiperforation composite INSULATING fabric according to EN 22568

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

Article 3R435N has been tested using a method analogous to ASTM F2413-18 (EH) and CSA Z195-14: determination of resistance to an electric shock, increase 1 kV/sec, voltage 20,000 V/60 Hz □ holding the voltage for 1 minute. Electrical current requirement below 1.0 mA.

The outsole of the footwear, within specific limits (in the absence of moisture, not referring to the upper), was tested using a method analogous to EN ISO 20345:2022 to provide electrical insulation against voltages up to 1000 V □ M ohm >1000.

(Test report No. 4212933/E)

ANTITORSION insert in the sole to ensure stability on uneven ground

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

Eco-Friendly

FO sole resistance to hydrocarbons

E energy absorption on seat region

PL sole resistance to perforation

SR sole resistance against slipping

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 size 42 gr. 510



CERTIFICATIONS



TECHNOLOGIES AND MATERIALS



SECTORS

 ELECTRICIAN

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	0,47
	FLAT >= 0,32	0,47

SRB steel + glycerol	HEEL >= 0,13	0,23
	FLAT >= 0,18	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 central 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.