

COMING SOON

OHM SB FO E PL CI WPA SC SR

3L161MG

CE EN ISO 20345:2022+A1:2024 SB FO E PL CI WPA SC SR

LOW SAFETY SHOE

36-49

DIELECTRIC Sole line

Low-cut WPA safety shoe made of On Dura® technical fabric, laser-worked with high-tenacity fibers, breathable and abrasion-resistant, combined with Rubber B-tech microfiber with a thickness of 1.8-2.0 mm. TPU toe cap cover, ideal for protecting against abrasion.

The heel area is reinforced with tear- and abrasion-resistant microfiber, with an anti-slip structure that helps stabilize the foot during movement. Soft, lined and padded tongue.

COMPLETELY METAL-FREE FOOTWEAR.

TOE CAP 200J polymer-based composite, **non-thermal**, compliant with EN 22568
MIDSOLE PL insulating composite fabric, flexible anti-perforation, compliant with EN 22568

OUTSOLE 3CLOUD three-density polyurethane, dielectric, resistant to hydrolysis ISO 5423:92, hydrocarbons and abrasion, shock-absorbing and slip-resistant.

INSOLE DIELECTRIC bimaterial extra-comfort insole with activated carbon, breathable, removable, anatomical, absorbent, insulating and antibacterial. Eco-friendly, sustainable product.

FO outsole resistance to hydrocarbons

E energy absorption in the heel area

PL outsole resistance to perforation

CI cold insulation of the outsole down to -17°C

SC abrasion resistance of the toe cap cover

SR slip resistance

Sizes 36-49 - Weight per shoe size 42 550g



↪ **AREAS OF APPLICATION**



Automotive Components



Electrician

↪ **CERTIFICATIONS APPLIED**



Water Penetration and Absorption (WPA)



Slip Resistance (mandatory ceramic-Nals test)



Composite Plate



PL Puncture Resistance with Non-Metallic Insert (nail Ø 4.5mm)



Heel Energy Absorption



DGUV 112-191



Toe Cap Abrasion Resistance



Hydrocarbon Resistance

↪ **TECHNOLOGIES AND MATERIALS**



No metal



Metal-Free



Mondo Point 11



Cold Insulating Outsole



200J Composite Toecap



Slip Resistance (optional glycerin test)



Three to be™ - Triple Density Injection

↳ PLUS



Three to be™ - Triple Density Injection

Three to Be® - Tripla Densità Iniettata technology represents one of the most advanced results of our R&D efforts. Patented by Giasco, it integrates three entirely polyurethane-injected sole layers to optimize safety shoe performance in terms of comfort, stability, and slip resistance.

↳ SOLE

DIELECTRIC Sole line

Dielectric sole line was developed to meet the needs of those working in contact with electrical cables and systems. Specifically, this line offers a safety shoe with an insulating sole that provides specific protection against the risk of electric shock.

This is made possible by a series of insulating materials specifically designed for this purpose: the nitrile rubber compound of the outsole, the polyurethane foam of the midsole, the fabrics of the puncture-resistant insole, and the compound of the internal footbed.

These technologies enabled the shoes to pass electrical resistance tests in accordance with the analogous method of the EN ISO 20344:2021 standard and ASTM F2413 (EH) / CSA Z195-14 at 20 kV/60 Hz.

In addition, the specific materials used in the sole construction allowed the product to obtain the important American certification ASTM 2413-24 EH (Electric Hazard Resistant Footwear).

