

3PU PATENTED

NEW

ONYX S3S FO CI SC SR

3U458N

CE EN ISO 20345:2022+A1:2024 S3S FO CI SC SR

SAFETY BOOT

37-49

3ULTRA Difficult Terrains

High safety shoe made of full-grain Nubuck IDROTECH® WRU leather, thickness 1.8-2.0 mm. Heel covered in PU, resistant to high stress and highly abrasion-resistant.

Lining in breathable and abrasion-resistant fabric.

The heel area is reinforced with tear- and abrasion-resistant microfiber, anti-slip, helping to stabilize the foot during movement. Shoe with reflective fabric insert.

Soft, lined and padded tongue.

TOE CAP: 200J polymer-based composite, **thermal insulation**, compliant with EN 22568

ANTI-PERFORATION MIDSOLE: PS flexible composite fabric, compliant with EN 22568

SOLE: 3ULTRA triple-density polyurethane, antistatic, resistant to hydrolysis ISO 5423:92, hydrocarbons and abrasion, anti-shock and anti-slip

ANTI-TORSION: insert in the sole for stability on uneven surfaces

MEMORY INSOLE: tri-material extra-comfort insole with soft PU memory foam cushion in the heel, fatigue-reducing and resistant to body pressure.

Breathable, removable, anatomical, absorbent, antibacterial and **ESD**.

FO: outsole resistance to hydrocarbons

CI: cold-insulated sole $\geq 17^{\circ}\text{C}$

SC: abrasion resistance of toe protection

SR: slip resistance

Size 37-49 **Shoe weight** size 42: **615 g**

* The calculated weight excludes laces and insoles.



AREAS OF APPLICATION

- Farming and Agriculture
- Cold Environments
- Construction and Building Sites
- Hydrocarbons and Chemicals
- Logistics and Light Industry
- Automotive Components
- Metal and Wood Carpentry

CERTIFICATIONS APPLIED

- PS** Puncture Resistance with Non-Metallic Insert (nail \varnothing 3.0mm)
- SC** Toe Cap Abrasion Resistance
- Slip Resistance (mandatory ceramic-Nals test)
- Antistatic Footwear
- Slip Resistant Sole
- Heel Energy Absorption
- Hydrocarbon Resistance
- Water-Repellent Upper
- DGUV 112-191**

TECHNOLOGIES AND MATERIALS

- No metal
- Anti-Vibration
- High Visibility
- Mondo Point 11
- Cold Insulating Outsole
- Slip Resistance (optional glycerin test)
- Three to be™ - Triple Density Injection
- Anti-Torsion Sole
- Memory Foam Insole

ANTI-SLIP RESULTS

*after simulation of walking by slight abrasion

Ceramic tile floor with NaLS	Forward Heel (heel slip 7°)	Backward heel (heel slip 7°)	Ceramic tile floor with glycerin	Forward Heel (heel slip 7°)	Backward heel (heel slip 7°)
	≥ 0.31 0.40	≥ 0.36 0.41		≥ 0.19 0.28	≥ 0.22 0.28

↳ 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.



Anti-Torsion Sole

The Anti Torsion system uses a thermoplastic shank designed to increase stability on irregular and wet surfaces. Unlike standard shanks, it flexes with the foot's natural motion, reducing the risk of twists and falls. Ideal for outdoor work, especially in construction, where surface control is critical.



Memory Foam Insole

The MEMORY FOAM insole offers superb comfort thanks to its innovative material, which adapts to foot shape. It enhances walking comfort, supports posture, improves fit, and distributes body weight. Additionally, it stabilizes the foot and absorbs ground impact, serving as an excellent shock absorber.

↳ SOLE

BULTRA Difficult Terrains

3Ultra has been designed for the use of safety footwear in outdoor and high-risk environments. The outsole features a self-cleaning tread with deep lugs, designed to anchor to the ground and ensure maximum grip on uneven surfaces. The side, with its eye-catching design, includes a front overcap that offers maximum protection from site hazards. Also on the side is the FLEX POINT, a specific groove in the sole that makes it flexible without compromising protection. Another strength of this work shoe is the innovative "anti-vibration" sole concept: a combination of technologies that reduce vibrations from machinery and moving equipment, minimizing physical stress and fatigue. Finally, the PS-certified anti-perforation plate protects the safety shoe from even the smallest and most dangerous nails.

