

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

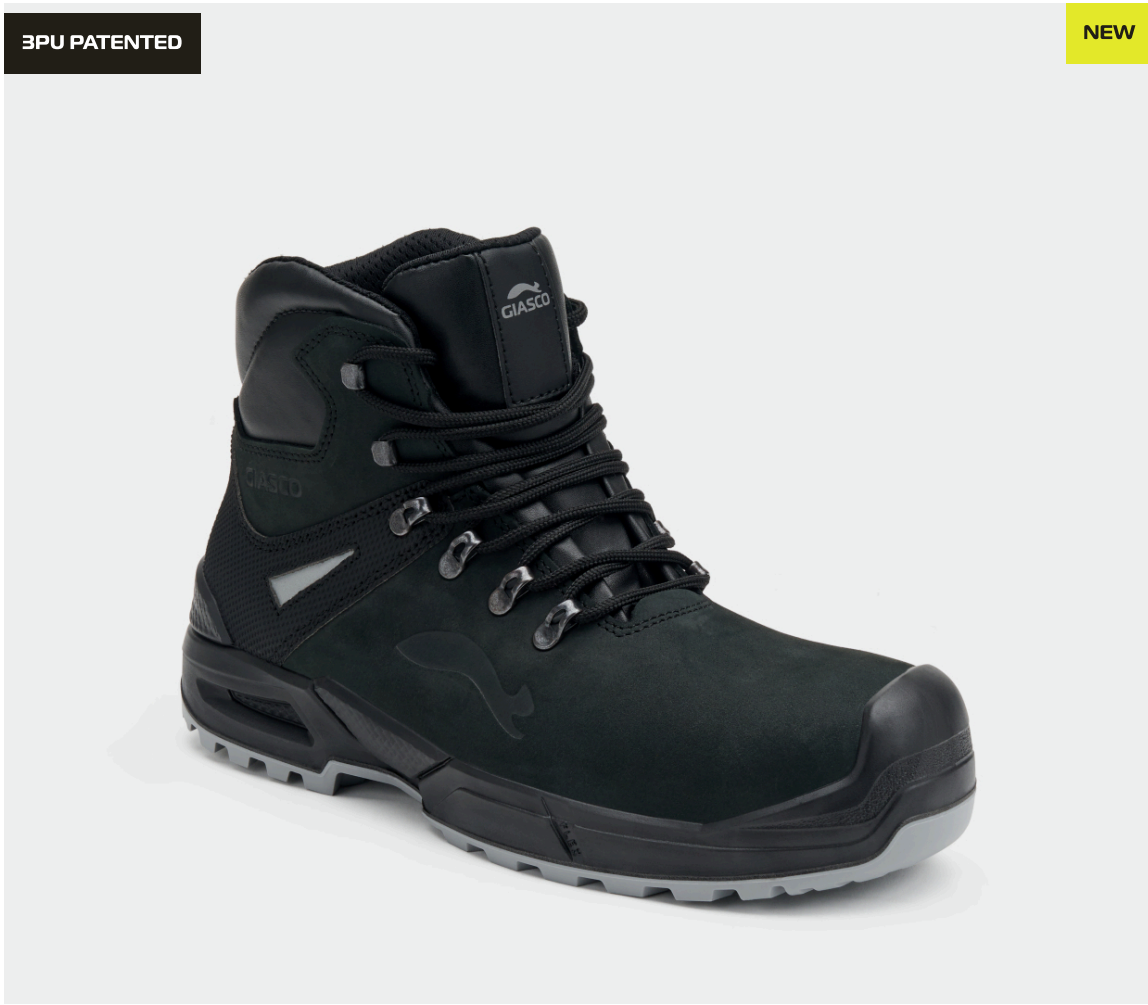
**CI:** cold-insulated sole  $\geq 17^{\circ}\text{C}$

**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)

**E** Heel Energy Absorption

**DGVU 112-191**

**SC** Toe Cap Abrasion Resistance

**FO** Hydrocarbon Resistance

**SRC** Slip Resistant Sole

**WRU** Water-Repellent Upper

### TECHNOLOGIES AND MATERIALS

**NO METAL**

**MONDO POINT 11**

**Three to be™ - Triple Density Injection**

**ANTI VIBRATION**

**CI -17°C** Cold Insulating Outsole

**ANTI TORSION**

**HIGH VISIBILITY**

**SR** Slip Resistance (optional glycerin test)

### ANTI-SLIP RESULTS

\*after simulation of walking by slight abrasion

Ceramic tile floor with NaLS	<b>Forward Heel</b> (heel slip 7°)	<b>Backward heel</b> (heel slip 7°)	Ceramic tile floor with glycerin	<b>Forward Heel</b> (heel slip 7°)	<b>Backward heel</b> (heel slip 7°)
	$\geq 0.31$ <b>0.40</b>	$\geq 0.36$ <b>0.41</b>		$\geq 0.19$ <b>0.28</b>	$\geq 0.22$ <b>0.28</b>

## ↳ 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.

## ↳ 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.

