

3PU PATENTED

NEW

# SUPERNOVA S3L FO SR

3L037CA

CE EN ISO 20345:2022+A1:2024 S3L FO SR ESD

**ANKLE SAFETY SHOE**

**36-49**

**3CLOUD** Elasticity

High safety shoe made of Microfiber Rubber B-tech, thickness 1.8-2.0 mm. Lining in highly breathable and abrasion-resistant fabric. The heel area is reinforced with tear- and abrasion-resistant microfiber, anti-slip, providing stability to the foot during movement. Footwear with reflective fabric insert. Soft padded and lined tongue.

**SHOE ENTIRELY METAL FREE.**

**TOE CAP 200J** composite, polymer-based, **non-thermal**, according to EN 22568.

**MIDSOLE PL flexible anti-perforation composite fabric**, according to EN 22568.

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

**INSOLE YEAH** extra comfort insole in closed-cell polyurethane with patented DryGo!® compound.

DryGo!® polyurethane absorbs foot moisture and evaporates it quickly. Thanks to its anatomical, self-molding and resilient properties, it provides long-lasting comfort. Breathable, removable, anatomical, absorbent, antibacterial, and **ESD**.

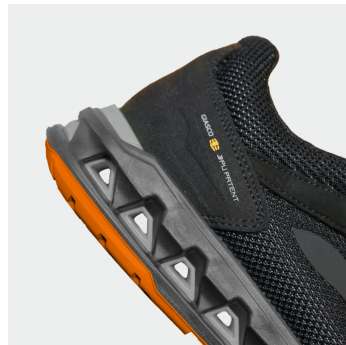
The footwear meets the requirements according to IEC 61340-4-3:2017 (IEC 61340-5-1:2024) for **ESD** electrical resistance.

**FO** Sole resistant to hydrocarbons.

**SR** Slip resistance.

**Size:** 36-49 **Weight** (size 42): **555g**

*\* The calculated weight excludes laces and insoles.*



→ **AREAS OF APPLICATION**

- Construction and Building Sites
- Logistics and Light Industry
- Automotive Components
- Metal and Wood Carpentry
- ESD Area

→ **CERTIFICATIONS APPLIED**

- PL** Puncture Resistance with Non-Metallic Insert (nail Ø 4.5mm)
- E** Heel Energy Absorption

- SC** Toe Cap Abrasion Resistance
- FO** Hydrocarbon Resistance

- SRC** Slip Resistant Sole
- DGVU 112-191**

→ **TECHNOLOGIES AND MATERIALS**

- No metal**
- Mondo Point 11**
- Three to be™ - Triple Density Injection**

- Patented Outsole Design**
- Slip Resistance (optional glycerin test)**

- ESD - Electrostatic Discharge**
- Technical Fabric**

→ **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°)
	≥ 0.31 <b>0.45</b>	≥ 0.36 <b>0.41</b>		≥ 0.19 <b>0.28</b>	≥ 0.22 <b>0.30</b>

↳ PLUS



3PU PATENT

### 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

### 3CLOUD Elasticity

3Cloud and its distinctive through-holes in the sole have been meticulously designed to provide unique comfort for safety footwear in indoor environments. Specifically, the tunnels running perpendicularly through the midsole offer both a pleasant cushioning effect and high rebound. These features are maintained throughout the entire life of the safety shoe thanks to the polyurethane's strong "memory" property and especially the trapezoidal geometry of the holes. Together, these aspects minimize sole deformation over time. Finally, the outsole of this safety shoe features a dual tread pattern: one inspired by racing tire technology, and the other hexagonal with a "suction cup" effect. Both systems work together to ensure maximum grip on smooth and regular surfaces.

