

3PU PATENTED

COMING SOON

SANTORINI S3L FO SC SR

3H166N

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

ANKLE SAFETY SHOE

36-49

3HYBRID Cushioning

High safety shoe made of technical On Dura® laser fabric with high-tenacity fibres, breathable and abrasion-resistant, and MICRO-tech technical fabric with a thickness of 1.8-2.0 mm.

TPU toe cap cover ideal for counteracting abrasion.

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

Soft, lined and padded tongue.

FOOTWEAR COMPLETELY FREE OF METALLIC PARTS.

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

ANTI-PENETRATION MIDSOLE PL composite flexible fabric, compliant with EN 22568

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

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

INSOLE MEMORY tri-material comfort insole with soft PU memory foam cushioning in the heel, resistant to body pressure. Breathable, removable, anatomical, absorbent, antibacterial and **ESD**.

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

FO Hydrocarbon-resistant sole

SC Abrasion resistance of the toe cap cover

SR Slip resistance

Size 36-49 Shoe weight size 42: 560g.



→ **AREAS OF APPLICATION**

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

→ **CERTIFICATIONS APPLIED**

- Heel Energy Absorption
- DGUV 112-191
- PL Puncture Resistance with Non-Metallic Insert (nail Ø 4.5mm)
- Hydrocarbon Resistance
- Toe Cap Abrasion Resistance
- Slip Resistance (mandatory ceramic-Nals test)

→ **TECHNOLOGIES AND MATERIALS**

- ESD - Electrostatic Discharge
- Mondo Point 11
- No metal
- Slip Resistance (optional glycerin test)
- Memory Foam Insole
- Anti-Torsion Sole
- Technical Fabric
- Three to be™ - Triple Density Injection

→ **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 ≥ 0.47 | ≥ 0.36 ≥ 0.44 | | ≥ 0.19 ≥ 0.23 | ≥ 0.22 ≥ 0.25 |

↳ PLUS



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.



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.



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

3HYBRID Cushioning

3Hybrid is a line that, thanks to the sole design, ensures maximum shock absorption and energy return throughout the entire lifespan of the safety footwear. These high cushioning properties are provided on one hand by the special low-density, ultra-soft compounds and on the other by a three-dimensional lateral design that maximizes the sole's elasticity. Also on the side of the work shoe, there is a spoiler designed to provide greater foot stability and firmness, thus maximizing protection. Lastly, this safety shoe features a tread with a specific lug pattern designed to offer excellent slip resistance for indoor and light outdoor environments.

