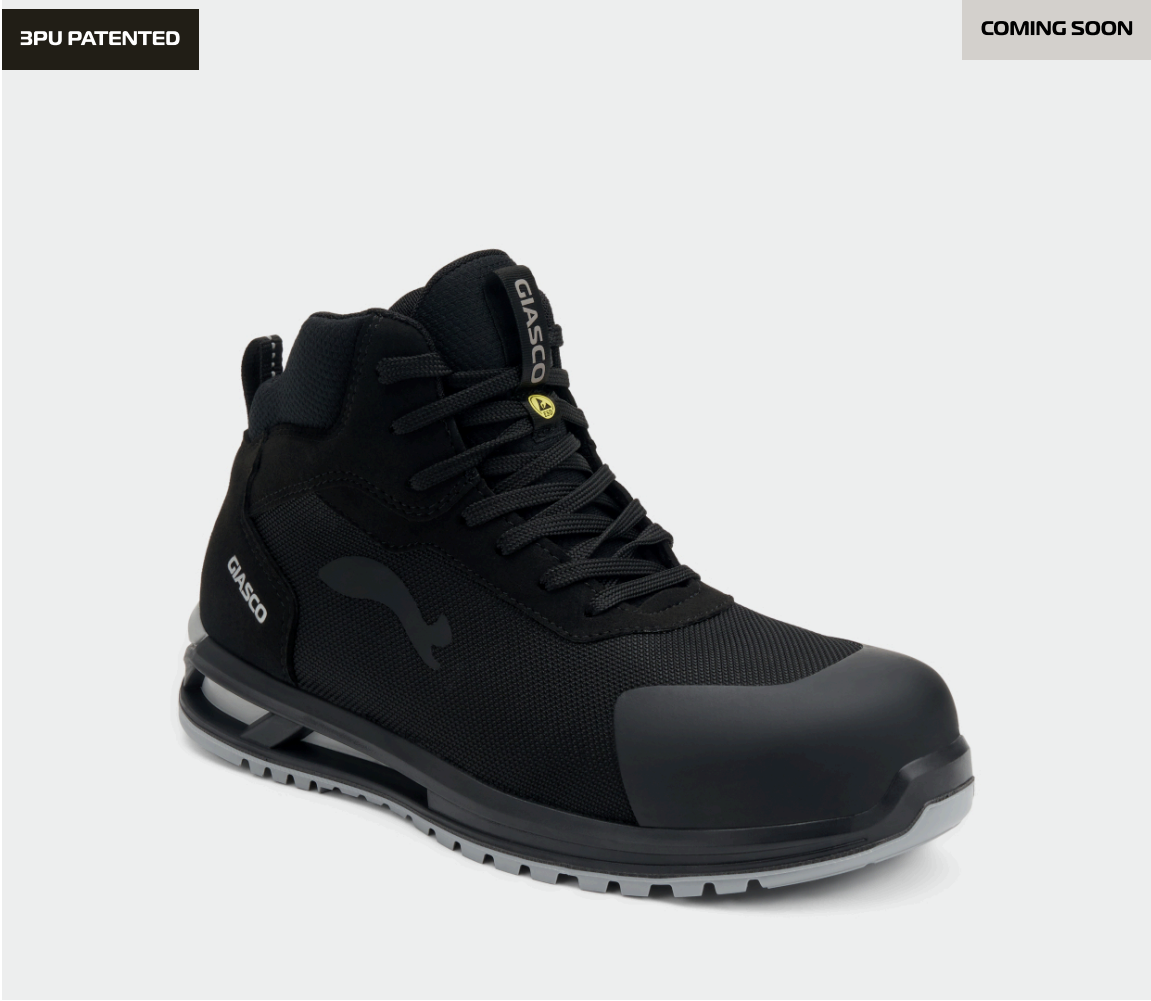




SANTORINI

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**.

** The calculated weight excludes laces and insoles.*

AREAS OF APPLICATION

-  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)
-  **SC** Toe Cap Abrasion Resistance
-  **E** Heel Energy Absorption
-  **FO** Hydrocarbon Resistance
-  **DGUV 112-191** DGUV 112-191

TECHNOLOGIES AND MATERIALS

-  **NO METAL** No metal
-  **ESD** ESD - Electrostatic Discharge
-  **MONDO POINT 11** Mondo Point 11
-  **SR** Slip Resistance (optional glycerin test)
-  **TECHNICAL TEXTILE** Technical Fabric
-  **3PU PATENT** Three to be™ - Triple Density Injection
-  **ANTI-TORSION** Anti-Torsion Sole

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°)
	≥ 0.310.47	≥ 0.360.44		≥ 0.190.23	≥ 0.220.25



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.

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.

