

3PU PATENTED

NEW

SPACE S1PL FO SC SR

3L144XV

CE EN ISO 20345:2022+A1:2024 S1PL FO SC SR ESD

LOW SAFETY SHOE

36-49

3CLOUD Elasticity

Low safety shoe made of On Dura® high-tenacity fiber technical fabric, breathable and abrasion-resistant, combined with MICRO-tech technical fabric, thickness 1.8-2.0 mm.

TPU toe cap cover, ideal for protection against abrasion.

The GIASCO 3PU PATENT heel provides stability, comfort, and lightness to the footwear.

The shoe in the heel area is reinforced with microfiber resistant to tearing and abrasion, anti-shock that helps stabilize the foot during movement.

Soft, lined, and padded tongue.

CLICK OPEN lacing system.

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.

The DryGo!® polyurethane absorbs foot moisture and quickly releases it through evaporation. Thanks to its high anatomical, self-moulding, and resilient properties, this insole 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 resistance to hydrocarbons.

SC Toe cap cover abrasion resistance.

SR Slip resistance.



Size 36-49 **Weight** (size 42): **560g**



* 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)
-  **FO** Hydrocarbon Resistance



-  **SC** Toe Cap Abrasion Resistance
-  **DGVU 112-191**

-  **E** Heel Energy Absorption

TECHNOLOGIES AND MATERIALS

-  **NO METAL**
-  **Slip Resistance** (optional glycerin test)

-  **ESD** - Electrostatic Discharge
-  **Three to be™** - Triple Density Injection

-  **Mondo Point 11**
-  **Click Open** Lacing System

ANTI-SLIP RESULTS

*after simulation of walking by slight abrasion

Floor Type	Direction	Minimum Value	Actual Value
Ceramic tile floor with NaLS	Forward Heel (heel slip 7°)	≥ 0.31	0.45
	Backward heel (heel slip 7°)	≥ 0.36	0.41
Ceramic tile floor with glycerin	Forward Heel (heel slip 7°)	≥ 0.19	0.28
	Backward heel (heel slip 7°)	≥ 0.22	0.30



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.



Click Open Lacing System

The Click Open system allows for rapid shoe donning and removal via a rotating knob. A stainless steel wire around the instep ensures a uniform, stable fit, enhancing comfort and safety. Since there are no laces to come undone, it minimizes trip risks and internal friction—ideal for glove-wearing operators or those who change shoes frequently.

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.

