

3PU PATENTED

NEW

COSMO S3L FO SC SR

3L147NV

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

ANKLE SAFETY SHOE

36-49

3CLOUD Elasticity

High safety shoe made of 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 heel area is reinforced with tear- and abrasion-resistant microfiber, anti-slip, helping to stabilize the foot during movement.

Soft padded and lined 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 as vapor. Thanks to its high anatomical, self-molding, and resilient properties, it provides prolonged 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.

SC Toe cap cover abrasion resistance.

SR Slip resistance.

Size: 36-49 **Weight** (size 42): **575 g**








** 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)
-  **SC** Toe Cap Abrasion Resistance
-  **Slip Resistance** (mandatory ceramic-Nals test)
-  **A** Antistatic Footwear
-  **E** Heel Energy Absorption
-  **FO** Hydrocarbon Resistance
-  **DGUV 112-191**

TECHNOLOGIES AND MATERIALS

-  **NO METAL**
-  **ESD** - Electrostatic Discharge
-  **Mondo Point 11**
-  **SR** Slip Resistance (optional glycerin test)
-  **TECHNICAL TEXTILE**
-  **Three to be™** - Triple Density Injection
-  **CLICK OPEN**

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 0.45	≥ 0.36 0.41		≥ 0.19 0.28	≥ 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.

