

3PU PATENTED

STAR S1PL FO SR

3L131AC

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

LOW SAFETY SHOE

36-47

3CLOUD Elasticity

Low safety shoe, made of high tenacity fiber, breathable and abrasion resistant On Dura® technical fabric and 1.8-2.0 mm thick Rubber B-tech microfibre.

Soft, lined and padded tongue.

COMPLETELY METAL FREE SHOE TOCAP

200J polymeric composite non-thermic according to EN 22568

PL MIDSOLE flexible antiperforation composite fabric according to EN 22568

3CLOUD sole polyurethane three density anti-static, hydrolysis resistant ISO 5423:92,

to hydrocarbons and abrasion, shock-resistant and slip-resistant

INSOLE YEAH, extra comfort in closed-cell polyurethane compound patented DryGo!®

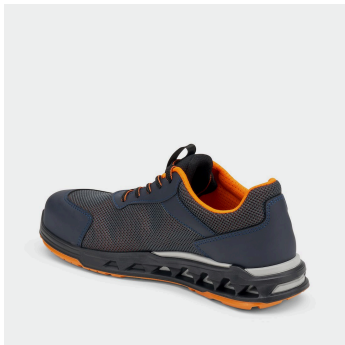
DryGo!® polyurethane absorbs moisture from the foot and vaporizes it quickly. Also thanks to the high anatomical, self-molding and resilience properties of polyurethane, this insole gives a prolonged well-being. Breathable, removable, anatomical, absorbent, antibacterial and **ESD**.

Footwear meets the requirement in accordance with IEC 61340-4-3:2017 (IEC 61340-5-1:2024) for electrical resistance ESD

FO sole resistance to hydrocarbons

SR sole resistance against slipping



Size 36-47 Shoe weight Tg 42 gr. 510







→ **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



-  Slip Resistance (mandatory ceramic-Nals test)
-  **FO** Hydrocarbon Resistance

-  **A** Antistatic Footwear
-  **DGUV 112-191** DGUV 112-191

→ **TECHNOLOGIES AND MATERIALS**

-  **NO METAL** No metal
-  **SR** Slip Resistance (optional glycerin test)

-  **ESD** ESD - Electrostatic Discharge
-  **TECHNICAL TEXTILE** Technical Fabric

-  **XL** Mondo Point 11
-  **3PU PATENT** 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 ≥ 0.48	≥ 0.36 ≥ 0.50		≥ 0.19 ≥ 0.32	≥ 0.22 ≥ 0.37

↳ PLUS



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.

