

3PU PATENTED

# STAR S1PL FO SR

3L131AC

CE 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**.

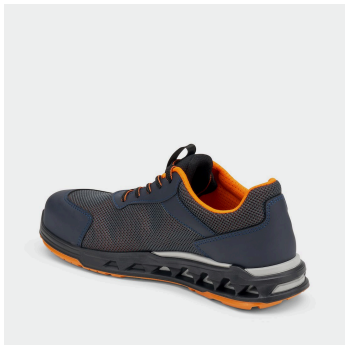
Footwear meets the requirement in accordance with IEC 61340-4-3:2017 (IEC 61340-5-1:2024) for electrical resistance ESD

**FO** sole resistance to hydrocarbons

**SR** sole resistance against slipping

**Size 36-47 Shoe weight Tg 42 gr. 510**

\* 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)

 **E** Heel Energy Absorption

 **FO** Hydrocarbon Resistance

 **DGUV 112-191**

→ **TECHNOLOGIES AND MATERIALS**

 **NO METAL**

 **3CLOUD** Patented Outsole Design

 **ESD** - Electrostatic Discharge

 **MONDO POINT 11**

 **SR** Slip Resistance (optional glycerin test)

 **TECHNICAL TEXTILE**

 **3PU PATENT** Three to be™ - Triple Density Injection

→ **ANTI-SLIP RESULTS**

\*after simulation of walking by slight abrasion

Ceramic tile floor with NaLS	<b>Forward Heel</b> (heel slip 7°)	<b>Backward heel</b> (heel slip 7°)	Ceramic tile floor with glycerin	<b>Forward Heel</b> (heel slip 7°)	<b>Backward heel</b> (heel slip 7°)
	≥ 0.31 <b>0.45</b>	≥ 0.36 <b>0.41</b>		≥ 0.19 <b>0.28</b>	≥ 0.22 <b>0.30</b>

↳ 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.

