



SUN S1PL FO SR3L454T



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

LOW SAFETY SHOE36-47

3CLOUD Elasticity

Low safety shoe, anti-scratch back leather thickness 1.8-2.0 mm.
and technical fabric breathable and abrasion resistant.
Shoes with reflective fabric insert.
Soft tongue lined.
FOOTWEAR ENTIRELY WITHOUT METAL PARTS
TOECAP 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
SOLETTA 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.515**










AREAS OF APPLICATION

- Automotive Components
- ESD Area
- Logistics and Light Industry
- Metal and Wood Carpentry

CERTIFICATIONS APPLIED

- Heel Energy Absorption
- Antistatic Footwear
- DGUV 112-191
- PL Puncture Resistance with Non-Metallic Insert (nail Ø 4.5mm)
- Hydrocarbon Resistance
- Slip Resistance (mandatory ceramic-Nals test)

TECHNOLOGIES AND MATERIALS

- High Visibility
- ESD - Electrostatic Discharge
- Extreme Lightness
- Mondo Point 11
- No metal
- Leather
- Slip Resistance (optional glycerin test)
- Technical Fabric
- 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



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.

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.

