

3PU PATENTED

# SAMOA S1PL FO SR

3H085N

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

**SAFETY SANDAL**

**35-49**

**3HYBRID** Cushioning

Safety Sandal, MICRO-tech technical fabric thickness 1,8-2,0 mm.  
Highly perspiring and abrasion resistant fabric lining.  
Shoe with refracting fabric insert.  
Closing with strap.

**COMPLETELY METAL FREE SHOE**

**TOECAP 200J polymeric composite non-thermic** according to EN 22568

**PL MIDSOLE flexible antiperforation composite fabric** according to EN 22568

**SOLE 3HYBRID** three-densities polyurethane antistatic, resistant to hydrolysis ISO 5423:92, to hydrocarbons and to abrasion, anti-shock and anti-slipping

**ANTITORSION** inserted in the sole to give stability on uneven surfaces

**MEMORY INSOLE** extra comfort trimaterial Insole with soft foam cushion

Memory cushioning in the heel and body pressure resistant. Breathable, removable, anatomical, absorbent, antistatic and antibacterial and ESD.

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

**FO** sole resistance to hydrocarbons

**SR** sole resistance against slipping

**Size 35-49 Shoe weight Sz 42 gr. 490**

*\* The calculated weight excludes laces and insoles.*



## AREAS OF APPLICATION

- 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**

**ESD** - Electrostatic Discharge

**NO METAL**

**HIGH VISIBILITY**

**AIR** High Breathability

**MONDO POINT 11**

**EXTRA LIGHT**

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

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

**ANTI TORSION**

## 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>0.47</b>	≥ 0.36 <b>0.44</b>		≥ 0.19 <b>0.23</b>	≥ 0.22 <b>0.25</b>

## ↳ PLUS



3PU PATENT

### 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.



ANTI TORSION

### Anti-Torsion Sole

The Anti Torsion system uses a thermoplastic shank designed to increase stability on irregular and wet surfaces. Unlike standard shanks, it flexes with the foot's natural motion, reducing the risk of twists and falls. Ideal for outdoor work, especially in construction, where surface control is critical.

## ↳ SOLE

### 3HYBRID Cushioning

3Hybrid is a line that, thanks to the sole design, ensures maximum shock absorption and energy return throughout the entire lifespan of the safety footwear. These high cushioning properties are provided on one hand by the special low-density, ultra-soft compounds and on the other by a three-dimensional lateral design that maximizes the sole's elasticity. Also on the side of the work shoe, there is a spoiler designed to provide greater foot stability and firmness, thus maximizing protection. Lastly, this safety shoe features a tread with a specific lug pattern designed to offer excellent slip resistance for indoor and light outdoor environments.

