

3PU PATENTED



BALI S3L FO SR

3H149EV

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

ANKLE SAFETY SHOE

35-49

3HYBRID Cushioning

High safety shoe, WPA anti-scratch back leather thickness 1,8-2,0 mm.
Highly perspiring and abrasion resistant fabric lining.
Reinforced heel area STABILITY SUPPORT in PU.
Soft, lined and padded tongue.

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

ANTI TORSION insert in the sole to assure stability on uneven ground

MEMORY INSOLE three-materials extra comfort insole, with soft latex Memory cushion, ensuring no stress in heel zone and resistant to body pressure. Perspiring, removable, anatomic, absorbing, antistatic and anti-bacterial 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 slip resistance

Size 35-49 Shoe weight Sz 42 gr. 550

** The calculated weight excludes laces and insoles.*



↪ **AREAS OF APPLICATION**

- Farming and Agriculture
- Sloped Roofs
- Hydrocarbons and Chemicals
- Logistics and Light Industry
- Automotive Components
- Metal and Wood Carpentry
- ESD Area

↪ **CERTIFICATIONS APPLIED**

- Water Penetration and Absorption (WPA)
- PL Puncture Resistance with Non-Metallic Insert (nail Ø 4.5mm)
- Slip Resistant Sole
- Heel Energy Absorption
- Hydrocarbon Resistance
- DGVU 112-191

↪ **TECHNOLOGIES AND MATERIALS**

- No metal
- ESD - Electrostatic Discharge
- Metal-Free
- High Visibility
- Mondo Point 11
- Extreme Lightness
- Scratch-Resistant Leather
- Slip Resistance (optional glycerin test)
- Slip Resistance on Inclined Roofs
- Three to be™ - Triple Density Injection
- Heel Stability Support
- Anti-Torsion Sole

↪ **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 0.47	≥ 0.36 0.44		≥ 0.19 0.23	≥ 0.22 0.25

↳ PLUS



Scratch-Resistant Leather

Zero Abrasion technology uses leather finished with multiple layers of polyurethane to protect the upper from scratches, cuts, and wear. This solution ensures that the footwear maintains flawless performance and appearance even after months of intense use, providing advanced resistance against abrasive surfaces and mechanical environments—all while preserving foot comfort and breathability.



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.



Heel Stability Support

The Stability Support device is engineered to maximize heel support when walking. Unlike standard systems, it focuses support on specific areas, reducing foot stress and enhancing weight distribution. This leads to more natural movements, benefiting the back and joints, notably for those standing for long hours, and also reduces internal wear of the safety footwear.



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.

