

BORNEO

S3L FO SR

3H037NG

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

ANKLE SAFETY SHOE

35-49

3HYBRID Cushioning

High safety shoe, MICRO-tech technical fabric thickness 1,8-2,0 mm.
Perspiring and abrasion resistant fabric lining.
Shoe with refracting fabric insert.
Soft, lined and padded tongue.
COMPLETELY METAL FREE SHOE
The shoe satisfies the requirements of slipping resistance on inclined roofs according to **UNI 11583:2015** (test report. 4312115 E)
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 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. 540**

AREAS OF APPLICATION

- 

Sloped Roofs
- 


Logistics and Light Industry
- 


Automotive Components
- 


Metal and Wood Carpentry
- 


ESD Area


CERTIFICATIONS APPLIED


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PL Puncture Resistance with Non-Metallic Insert (nail Ø 4.5mm)
- 

Slip Resistance (mandatory ceramic-Nals test)
- 


Antistatic Footwear
- 


Heel Energy Absorption
- 


Hydrocarbon Resistance
- 


DGUV 112-191


TECHNOLOGIES AND MATERIALS


- 


No metal
- 


ESD - Electrostatic Discharge
- 


Metal-Free
- 


High Visibility
- 


High Breathability
- 


Mondo Point 11
- 


Extreme Lightness
- 

Slip Resistance (optional glycerin test)
- 

Slip Resistance on Inclined Roofs
- 

Microtech
- 

Three to be™ - Triple Density Injection
- 

Anti-Torsion Sole
- 

Memory Foam Insole

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



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 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.



Memory Foam Insole

The MEMORY FOAM insole offers superb comfort thanks to its innovative material, which adapts to foot shape. It enhances walking comfort, supports posture, improves fit, and distributes body weight. Additionally, it stabilizes the foot and absorbs ground impact, serving as an excellent shock absorber.

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.

