

3PU PATENTED

# SHAMAL NEW S3L FO SC SR ESD

3H184N

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

**LOW SAFETY SHOE**

**35-49**

**3HYBRID** Cushioning

Low safety shoe, in technical fabric **On dura®** high tenacity fiber laser, breathable and abrasion resistant and in technical fabric **MICRO-tech** thickness 1.8-2.0 mm.

Cover tip in TPU ideal to counteract abrasions.

Highly breathable and abrasion resistant fabric lining.

Soft tongue lined and padded.

**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

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

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

**MEMORY SOLE**, extra comfort trimaterial Insole with soft latex 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

**SC** Overcap resistance to abrasion

**SR** sole resistance against slipping

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






*\* 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)
-  **SC** Toe Cap Abrasion Resistance
-  **E** Heel Energy Absorption
-  **FO** Hydrocarbon Resistance
-  **DGUV 112-191** DGUV 112-191

→ **TECHNOLOGIES AND MATERIALS**

-  **No metal**
-  **ESD - Electrostatic Discharge**
-  **Metal-Free**
-  **Mondo Point 11**
-  **Extreme Lightness**
-  **Slip Resistance (optional glycerin test)**
-  **Three to be™ - Triple Density Injection**
-  **Anti-Torsion Sole**

→ **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



### 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.

## ↳ 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.

