

3PU PATENTED

# MAUI S3L FO SR

3H191I

CE EN ISO 20345:2022 S3L FO SR ESD

**LOW SAFETY SHOE**

**36-47**

**3HYBRID** Cushioning

Low safety shoe, MICROWASH thickness 1,8 - 2,0 mm.  
Highly perspiring and abrasion resistant fabric lining.  
Shoe with refracting fabric insert.  
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 3 HYBRYD** 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 61340-4-3:2017 (IEC 61340-5-1:2016) for electrical resistance **ESD**

**FO** sole resistance to hydrocarbons

**SR** sole resistance against slipping

**Size 36-47 Shoe weight Sz 42 gr. 485**

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

→ **AREAS OF APPLICATION**

 Food, Hospital and Cleaning

 Hotels, Restaurants and Catering

 ESD Area



→ **CERTIFICATIONS APPLIED**

 Water Penetration and Absorption (WPA)

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


 Heel Energy Absorption

 Hydrocarbon Resistance

 DGUV 112-191

 Acid Resistance

→ **TECHNOLOGIES AND MATERIALS**

 No metal

 ESD - Electrostatic Discharge

 Metal-Free

 Microwash

 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



### Microwash

Microwash is a highly breathable microfiber material designed to provide comfort and hygiene in industries such as food and healthcare, and to facilitate necessary cleaning. Its breathable polyurethane finish gives it a full-grain leather appearance while combining lightness and durability. Compared to natural leather, microfiber is 40% lighter, reducing fatigue even during long shifts. Another key feature is that it does not yellow when exposed to sunlight.



### 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.



### Acid Resistance

The sole of the following footwear has undergone laboratory testing for chemical resistance determination in accordance with a procedure similar to EN 13832-3:2018.

Specifically, the sole was tested for resistance against the following substances: N, P, R, K, NaCl 37%.

The upper material was also tested in the laboratory to determine chemical resistance according to a procedure similar to EN 13832-3:2018. Specifically, black MICROWASH was tested for resistance to: K. White MICROWASH was tested for resistance to: N, P, R, K, NaCl 37%.

Legend: (K)= Sodium Hydroxide 40%; (N)= Acetic Acid 99% (N), (P)=Hydrogen Peroxide (30%), (R)=Sodium Hypochlorite (13+-1%) of Active Chloride, (NaCl)= Sodium Chloride 37%

## ↳ 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.

