

3PU PATENTED

# TRIVOR S3L FO SR

3C1980

CE EN ISO 20345:2022 S3L FO SR

**ANKLE SAFETY SHOE**

**36-47**

**3CROSS** Stability

High safety shoe, MICROWASH 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**

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

**PL MIDSOLE** flexible **anti-perforation composite fabric** according to EN 22568

**SOLE 3CROSS** 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 foam Memory cushion, ensuring no stress in heel zone and resistant to body pressure. Perspiring, removable, anatomic, absorbing, antistatic and anti-bacterial and ESD.

**FO** sole resistance to hydrocarbons

**SR** Resistance to slipping

**Size** 36-47 **Shoe weight** Sz 42 **gr. 540**

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



↪ **AREAS OF APPLICATION**

- Farming and Agriculture
- Hydrocarbons and Chemicals
- Logistics and Light Industry
- Automotive Components
- Metal and Wood Carpentry

↪ **CERTIFICATIONS APPLIED**

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

↪ **TECHNOLOGIES AND MATERIALS**

- No metal
- Metal-Free
- High Visibility
- 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><br>(heel slip 7°) | <b>Backward heel</b><br>(heel slip 7°) | Ceramic tile floor with glycerin | <b>Forward Heel</b><br>(heel slip 7°) | <b>Backward heel</b><br>(heel slip 7°) |
|                              | ≥ 0.31 <b>0.38</b>                    | ≥ 0.36 <b>0.49</b>                     |                                  | ≥ 0.19 <b>0.22</b>                    | ≥ 0.22 <b>0.23</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

### 3CROSS Stability

3Cross is a squared line with a dynamic and tenacious character, designed for workers operating in outdoor environments with uneven surfaces. Specifically, the sole has been designed with a rather high rear section to ensure maximum softness and comfort for the foot on the roughest terrain. On the sides, the sole features a stabilizing ring to provide maximum stability for the safety shoe in all operating conditions. Finally, the sole includes a self-cleaning tread with deep lugs, designed to anchor to the ground and ensure maximum grip on irregular surfaces.

