

3PU PATENTED

# MAKALU S7L FO CI SR

3C058G

CE EN ISO 20345:2022 S7L FO CI SR

**ANKLE SAFETY SHOE**

**39-47**

**3CROSS** Stability

High safety shoe, IDROTECH® WPA oiled grain leather thickness 1,8-2,0 mm, with refracting fabric insert.

Heel with IDROTECH® WPA grain Nubuck leather thickness 1,8-2,0 mm.

Soft Windtex® water resistant membrane lining, with very good perspiration and abrasion resistance.

Soft, lined and padded tongue.

Highly perspiring and abrasion resistant fabric lining.

Safety Shoe with refracting fabric insert.

Soft and lined tongue.

**COMPLETELY METAL FREE SHOE**

**TOECAP 200J** polymeric composite **non-thermic** according to EN 12568

**PL MIDSOLE flexible antiperforation composite fabric** according to EN 12568

**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

**INSOLE MEMORY**, three-materials extracomfort insole with soft latex Memory no-stress in the heel zone and in the bending point, resistant to the body pressure. Perspiring, removable, anatomic, absorbing, antistatic and antibacterial and ESD.

**FO** sole resistance to hydrocarbons

**CI** cold insulation of sole complex -17°C

**WR** water resistant shoe

**SR** Resistance to slipping

**Size 38-47 Shoe weight Sz 42 gr. 615**



## AREAS OF APPLICATION

- Farming and Agriculture
- Cold Environments
- Construction and Building Sites
- 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)
- Slip Resistance (mandatory ceramic-Nals test)
- Antistatic Footwear
- Heel Energy Absorption
- Hydrocarbon Resistance
- Water-Repellent Footwear
- DGUV 112-191

## TECHNOLOGIES AND MATERIALS

- No metal
- WindTex® Membrane
- High Visibility
- Highly Breathable and Water-Repellent Leather
- Mondo Point 11
- Cold Insulating Outsole
- Slip Resistance (optional glycerin test)
- Leather
- Three to be™ - Triple Density Injection
- Anti-Torsion Sole
- Memory Foam Insole
- WindTex Membrane®

## 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    ≥ 0.38	≥ 0.36    ≥ 0.49		≥ 0.19    ≥ 0.22	≥ 0.22    ≥ 0.23

## ↳ PLUS



### WindTex® Membrane

The Windtex® membrane is a technology designed to block water and wind. Lightweight and elastic, it provides comfort and protection throughout the workday while maintaining a stable microclimate between the skin and fabric. Thanks to its high breathability, it is ideal for breathable safety shoes that need to prevent overheating and excessive sweating even in winter or during long shifts.



### Highly Breathable and Water-Repellent Leather

Idrotech® leather undergoes a special treatment that combines waterproof and breathability, ensuring comfort in all seasons and protection from external elements. This technology allows work shoes to keep feet dry without sacrificing internal ventilation, making them ideal for outdoor environments and variable conditions.



### 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.



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## ↳ 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.

