

3PU PATENTED

NEW

# GRIZZLY S1PL FO SC SR

3M144XV

CE EN ISO 20345:2022+A1:2024 S1PL FO SC SR ESD

**LOW SAFETY SHOE**

**36-47**

**3MOVE** Ergonomic

Low safety shoe made of On Dura® high-tenacity fiber technical fabric, breathable and abrasion-resistant, and MICRO-tech technical fabric, thickness 1.8-2.0 mm.

TPU toe cap cover ideal for protection against abrasion.

The GIASCO 3PU PATENT heel provides stability, comfort, and lightness to the footwear.

The shoe in the heel area is reinforced with microfiber resistant to tearing and abrasion, anti-shock that helps stabilize the foot during movement.

Soft padded and lined tongue.

**CLICK OPEN lacing system.**

**TOE CAP 200J** composite, polymer-based, **non-thermal**, according to EN 22568.

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

**SOLE 3 MOVE** triple-density polyurethane, antistatic, resistant to hydrolysis ISO 5423:92, hydrocarbons, and abrasion; anti-shock and slip-resistant.

**ANTI-TORSION** Insert in the sole to ensure stability on uneven surfaces.

**INSOLE MEMORY** tri-material extra comfort insole with soft PU Memory foam cushion in the heel, fatigue-reducing and resistant to body pressure.

Breathable, removable, anatomical, absorbent, antibacterial, and **ESD**.

The footwear meets the requirements according to IEC 61340-4-3:2017 (IEC 61340-5-1:2024) for **ESD** electrical resistance.

**FO** Sole resistant to hydrocarbons.

**SC** Toe cap cover abrasion resistance.

**SR** Slip resistance.

**Size:** 36-47 **Weight** (size 42): **565g**

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



## AREAS OF APPLICATION

- 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)
- E** Heel Energy Absorption

- SC** Toe Cap Abrasion Resistance
- FO** Hydrocarbon Resistance

- ASTM F2413-24**
- DGUV 112-191**

## TECHNOLOGIES AND MATERIALS

- No metal**
- Patented Outsole Design**
- ESD - Electrostatic Discharge**
- Mondo Point 11**
- Slip Resistance (optional glycerin test)**
- Technical Fabric**
- Three to be™ - Triple Density Injection**
- Click Open Lacing System**

## 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>0.37</b>	≥ 0.36 <b>0.45</b>		≥ 0.19 <b>0.34</b>	≥ 0.22 <b>0.29</b>
SRA on ceramic tile floor with NaLS	<b>forward flat slip</b>	<b>Forward Heel</b> (heel slip 7°)	SRB on steel floor with glycerine	<b>forward flat slip</b>	<b>forward heel slip (7°)</b>
	≥ 0.32 <b>0.40</b>	≥ 0.28 <b>0.38</b>		≥ 0.18 <b>0.34</b>	≥ 0.13 <b>0.27</b>

## ↳ PLUS



3PU PATENT

### 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.



CLICK OPEN

### Click Open Lacing System

The Click Open system allows for rapid shoe donning and removal via a rotating knob. A stainless steel wire around the instep ensures a uniform, stable fit, enhancing comfort and safety. Since there are no laces to come undone, it minimizes trip risks and internal friction—ideal for glove-wearing operators or those who change shoes frequently.

## ↳ SOLE

### 3MOVE Ergonomic

3Move is a revolutionary line that, thanks to the rounded design of the sole, ensures correct body posture while walking. This curvature allows for even weight distribution across the entire foot, providing relief to the back, knees, and heels. This line is the ideal work shoe for relieving workers who suffer from such discomfort. 3Move is therefore the only ergonomic shoe in the industry designed to meet these needs while also ensuring complete protection. Another feature of this line is the heel relief area, which, thanks to its cavity, offers perfect weight cushioning. Ultimately, all these aspects contribute to significant energy and effort savings for the worker at the end of the day. The tread, on the other hand, is designed for indoor environments. This is made possible by a dense pattern of lugs that together ensure high anti-slip performance for this safety footwear.

