

3PU PATENTED

# ARENDALE EVO S2 FO SR

3M0020

CE EN ISO 20345:2022 S2 FO SR ESD

**LOW SAFETY SHOE**

**36-47**

**3MOVE** Ergonomic

Low safety shoe, MICROWASH thickness 1,8 - 2,0 mm. Perspiring and abrasion resistant fabric lining.

**COMPLETELY METAL FREE SHOE**

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

**SOLE 3MOVE** 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**, extra comfort trimaterial insole with soft PU Memory foam cushion that relieves fatigue in the heel and resists body pressure. Breathable, removable, anatomical, absorbent, antibacterial, and ESD.

The shoes satisfies the requirement according to the norm IEC 61340-4-3:2017 (IEC 61340-5-1:2016) for the electrical resistance **ESD**

**FO** sole resistance to hydrocarbons

**SR** sole resistance against slipping

**Size** 36-47 **Shoe weight** Sz 42 **gr. 450**



## AREAS OF APPLICATION

 Food, Hospital and Cleaning

 Hotels, Restaurants and Catering

 ESD Area

## CERTIFICATIONS APPLIED



Slip Resistance (mandatory ceramic-Nals test)



Heel Energy Absorption



Hydrocarbon Resistance



DGVU 112-191



Acid Resistance

## TECHNOLOGIES AND MATERIALS



No metal



Patented Outsole Design



ESD - Electrostatic Discharge



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    ≥ 0.37	≥ 0.36    ≥ 0.45		≥ 0.19    ≥ 0.34	≥ 0.22    ≥ 0.29

## ↳ 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

### 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.

