GIASCO

3PU PATENTED

USTICA S2 FO SR

3H002I

EN ISO 20345:2022+A1:2024 S2 FO SR ESD

LOW SAFETY SHOE

36-49

3HYBRID Cushioning

Low safety shoe, MICROWASH thickness 1,8-2,0 mm.
Highly perspiring and abrasion resistant fabric lining.
COMPLETELY METAL FREE SHOE
TOECAP 200J polymeric composite **non-thermic** according to EN 22568
SOLE 3HYBRID three-densities polyurethane antistatic, resistant to hydrolysis ISO 5423:92, to hydrocarbons and to abrasion, anti-shock and anti-slipping SRC
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 61340-5-1:2024 (IEC 61340-4-3:2017) for electrical resistance **ESD**.
FO sole resistance to hydrocarbons
SR sole resistance against slipping
Size 35-49 **Shoe weight** Sz 42 **gr. 425**
** The calculated weight excludes laces and insoles.*

↳ AREAS OF APPLICATION

- Food, Hospital and Cleaning
- Hotels, Restaurants and Catering
- ESD Area

↳ CERTIFICATIONS APPLIED

- Heel Energy Absorption
- Hydrocarbon Resistance
- Water-Repellent Upper
- DGUV 112-191
- Acid Resistance

↳ TECHNOLOGIES AND MATERIALS

- 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	**Forward Heel** (heel slip 7°) ≥ 0.31 | 0.47	**Backward heel** (heel slip 7°) ≥ 0.36 | 0.44	Ceramic tile floor with glycerin	**Forward Heel** (heel slip 7°) ≥ 0.19 | 0.23	**Backward heel** (heel slip 7°) ≥ 0.22 | 0.25

↳ 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.

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