GIASCO

3PU PATENTED

COMING SOON

ECLIPSE S3L FO SC SR

3L166N

CE EN ISO 20345:2022+A1:2024 S3L FO SC SR ESD

ANKLE SAFETY SHOE **36-49**

3CLOUD Elasticity

High safety shoe made of technical On Dura® laser fabric with high-tenacity fibres, breathable and abrasion-resistant, and MICRO-tech technical fabric thickness 1.8-2.0 mm.
TPU toe cap cover ideal for protecting against abrasions.
The heel area is reinforced with tear- and abrasion-resistant microfiber, anti-slip, helping to stabilise the foot during movement.
Soft, lined and padded tongue.
FOOTWEAR COMPLETELY FREE OF METAL PARTS.

TOE CAP 200J composite polymer-based, **thermal-insulated**, compliant with EN 22568
MIDSOLE PL flexible composite anti-perforation fabric, compliant with EN 22568
SOLE 3CLOUD antistatic triple-density polyurethane, resistant to hydrolysis ISO 5423:92, hydrocarbons and abrasion, shock-absorbing and slip-resistant
INSOLE YEAH, extra-comfort insole in closed-cell polyurethane with patented DryGo!® compound
DryGo!® polyurethane absorbs foot moisture and evaporates it quickly. Thanks to its high anatomical, self-modelling and resilience properties, this insole provides prolonged comfort. Breathable, removable, anatomical, absorbent, antibacterial and **ESD**.
Footwear meets the requirement in accordance with IEC 61340-4-3:2017 (IEC 61340-5-1:2024) for **ESD** electrical resistance
FO sole resistance to hydrocarbons
SC abrasion resistance of toe cap cover
SR slip resistance

Size 36-49 **Shoe weight** size 42: **585 g**
** 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)
- Toe Cap Abrasion Resistance
- Slip Resistance (mandatory ceramic-Nals test)
- Antistatic Footwear
- Heel Energy Absorption
- Hydrocarbon Resistance
- DGUV 112-191

↳ TECHNOLOGIES AND MATERIALS

- No metal
- ESD - Electrostatic Discharge
- Mondo Point 11
- Slip Resistance (optional glycerin test)
- Technical Fabric
- Three to be™ - Triple Density Injection

↳ ANTI-SLIP RESULTS

*after simulation of walking by slight abrasion

Ceramic tile floor with NaLS	**Forward Heel** (heel slip 7°)	**Backward heel** (heel slip 7°)	Ceramic tile floor with glycerin	**Forward Heel** (heel slip 7°)	**Backward heel** (heel slip 7°)
	≥ 0.31 / 0.45	≥ 0.36 / 0.41		≥ 0.19 / 0.28	≥ 0.22 / 0.30

↳ PLUS

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.

↳ SOLE

3CLOUD Elasticity

3Cloud and its distinctive through-holes in the sole have been meticulously designed to provide unique comfort for safety footwear in indoor environments. Specifically, the tunnels running perpendicularly through the midsole offer both a pleasant cushioning effect and high rebound. These features are maintained throughout the entire life of the safety shoe thanks to the polyurethane's strong "memory" property and especially the trapezoidal geometry of the holes. Together, these aspects minimize sole deformation over time. Finally, the outsole of this safety shoe features a dual tread pattern: one inspired by racing tire technology, and the other hexagonal with a "suction cup" effect. Both systems work together to ensure maximum grip on smooth and regular surfaces.

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