GIASCO

WELDER S3L FO CI HI HRO SC SR

HR122D

CE EN ISO 20345:2022 S3L FO CI HI HRO SC SR

LOW SAFETY SHOE **39-47**

HARD ROCK ANTISTATIC Durability

Low safety shoe, WPA back leather thickness 1,8-2,0 mm, with refracting fabric insert
Perspiring and abrasion resistant fabric lining.
Leather coverlaces stitched with fireproof thread.
Strap closing.
COMPLETELY METAL FREE SHOE
Toecap 200J polymeric **composite non-thermic** according to EN 22568
MIDSOLE PL flexible antiperforation composite fabric according to EN 22568
HARD ROCK ANTISTATIC SOLE bidensity polyurethane and antistatic **RUBBER.**
Sole resistant to hydrocarbons and to abrasion, anti-shock and anti-slipping
INSOLE 5000 trimaterial, extracomfort, perspiring, removable, anatomic, absorbing, ESD and antibacterial
FO sole resistance to hydrocarbons
CI cold insulation of sole complex -17°C
HI heat insulation of sole complex
HRO outsole resistance to hot contact
SC abrasion resistance of scuff cap
Size 39-47 **Shoe weight** size 42 **gr. 590**
** The calculated weight excludes laces and insoles.*

↳ AREAS OF APPLICATION

- Welding
- Construction and Building Sites
- Hydrocarbons and Chemicals
- Metal and Wood Carpentry

↳ CERTIFICATIONS APPLIED

- Water Penetration and Absorption (WPA)
- PL Puncture Resistance with Non-Metallic Insert (nail Ø 4.5mm)
- Toe Cap Abrasion Resistance
- HRO Sole Resistance +300
- Heel Energy Absorption
- Hydrocarbon Resistance
- Heat Insulating Outsole
- DGUV 112-191

↳ TECHNOLOGIES AND MATERIALS

- No metal
- High Visibility
- Mondo Point 11
- Cold Insulating Outsole
- Slip Resistance (optional glycerin test)
- Lace Cover for Welders
- Flame-Resistant Stitching

↳ ANTI-SLIP RESULTS

*after simulation of walking by slight abrasion

Ceramic tile floor with NaLS	**Forward heel** (heel slip 7°) ≥ 0.31 / 0.46	**Backward heel** (heel slip 7°) ≥ 0.36 / 0.53	Ceramic tile floor with glycerin	**Forward heel** (heel slip 7°) ≥ 0.19 / 0.20	**Backward heel** (heel slip 7°) ≥ 0.22 / 0.20
SRA on ceramic tile floor with NaLS	**forward flat slip** ≥ 0.32 / 0.40	**Forward Heel** forward flat slip (7°) ≥ 0.28 / 0.40	SRB on steel floor with glycerine	**forward flat slip** ≥ 0.18 / 0.22	**Forward Heel** forward flat slip (7°) ≥ 0.13 / 0.17

↳ SOLE

HARD ROCK ANTISTATIC Durability

The Hard Rock Antistatic PU line is designed to protect safety footwear in industrial environments where extreme temperatures and hazardous materials can pose serious risks to workers. The combination of an antistatic nitrile rubber sole and certified technical materials ensures reliable protection in high-risk settings. This line also features soft lines and lightweight volumes, offering a minimal design that prioritizes comfort and practicality without compromising safety.

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