

# 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



Slip Resistance (mandatory ceramic-NaLS test)



HRO Sole Resistance +300



Antistatic Footwear



Heel Energy Absorption



Hydrocarbon Resistance



Heat-Resistant Sole 300°C Contact



Heat Insulating Outsole



DGVU 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°)	Backward heel (heel slip 7°)	Ceramic tile floor with glycerin	Forward heel (heel slip 7°)	Backward heel (heel slip 7°)
	≥ 0.31 <b>0.46</b>	≥ 0.36 <b>0.53</b>		≥ 0.19 <b>0.20</b>	≥ 0.22 <b>0.22</b>
SRA Ceramic + Nails	Flat	Heel	SRB Steel + Glicerol	Flat	Heel
	≥ 0.32 <b>0.39</b>	≥ 0.28 <b>0.43</b>		≥ 0.18 <b>0.19</b>	≥ 0.13 <b>0.21</b>

↳ 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.

