



EN ISO 20345:2011



POLAR
EMPIRE
88169-00L

S3 HRO HI WR CI SRC

Size: 38-48
Weight: 850 gr.

Fit: 11

Working Environment:
Building, Farming and Gardening,
Mountains, Cold places



FEATURES

UPPER

Full Grain-Anilina Leather-Hydro
1,8-2,0 mm
Full Grain leather Hydro
Reflex insert

LINING

3D Air circulation 320 gr.
GenuineWool Polar

ANTISLIP LINING

DUALMICRO

INSOLE

Dual insulation

TOE CAP

CTC- Composite Toe Cap

RESISTANCE TO PERFORATION

Zero(K) Perforation resistant

SOLE

PU-RUBBER VIBRAM-HRO-SRC

Sole resistant to 300°C by contact.
With scaff cap and compound
designed with VIBRAM for stability
and grip performance. Outsole
designed to strike the ground
better and to improve self-
cleaning. With anti-wear scaff cap.

TECHNOLOGIES

Removable Insole



Insole perfect for winter use and for footwear with protection against cold "CI". It consists of a highly resistant and absorbing felt piece that keeps the foot dry and warm and of an aluminised film to isolate the foot from the ground.



Protection elements

ZERO(k)
ANTIPERFORATION



Toecap made of plastic, incredibly light and resistant to impact of over 200J, elastic. Athermic. Not detected by metal detector. Fabric anti-perforation foil. Resistant to over 1100 N with zero perforation.



Lateral stability

dynamic **HC control**
technology

Ergonomic rigid internal structure. It houses the heel into the right seat, adjusting the foot support and control of the ankle sideways movements. It keeps the foot tight to the shoe, allowing the perfect fit.



Torsional stability

STABIL•ACTIVE

Support made of rigid plastic material. It stabilizes the heel bone, the instep and tarsal joints, without altering energy absorption. A support for the natural movement of the foot; it provides comfort and greater stability.



Electrical features

WED

Wire Electricity Discharge

Strip with 4 filaments of carbon fiber, ensuring proven anti-static properties of the footwear over time.



Other

HDry
+WATERPROOF UPPER

The HDry membrane is hydrophilic with high perspiration capacity. It guarantees high performance and durability, facilitating the maintenance of ideal conditions and comfort for the user.



SRC (SRA+SRB)



SOLE 88
PU - RUBBER

SRA CERAMIC + DETERGENT SOLUTION	FLAT ≥0.32	0.34
	HEEL (CONTACT ANGLE °) ≥0.28	
SRB STEEL + GLYCEROL	FLAT ≥0.18	0.19
	HEEL (CONTACT ANGLE °) ≥0.13	

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