



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

Fiber cap SXT

### RESISTANCE TO PERFORATION

KX Antiperforation PS

### 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

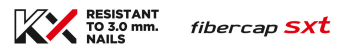
### Removable Insole



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



Composite toe cap with fiberglass. Resistant to over 200J. Non metal perforation resistant insert to over 1100 N with a 3.0 mm truncated cone nail. Protection over the entire sole of the foot. Flexible and comfortable



### Lateral stability



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



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



Wire Electricity Discharge

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



### Other



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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