

# H-9001 EH SBP+I SRC

## High Rigger SBP Work Boots (Metal Free)

Heavy Duty Pull on & off High Rigger Boots is made with Black Cow Leather and PU/PU Dual Density Outsole. It is designed as EN ISO 20345:2011 Quality with SBP+I category, and USA ASTM Electric Hazard 18KV.



Upper : High Quality Water Resistant Cow Leather

Lining : Breathable Sandwich Air Mesh

Insole : Comfortable EVA Coated Mesh

Outsole : PU/PU Dual Density

Toecap : Composite Toecap

Penetration : Kevlar Midsole Plate

Size : EU 37-47#, UK 3-13#, US4-14#

CE EN ISO 20345:2011 SBP+I SRC & ASTM F2413-18 M I/75 C/75 PR EH

Application : Industry, Construction, Logistics, Mechanics, Oil & Gas, Chemical Factory, Electrical Worksite etc



200 JOULE  
TOECAP



SLIP-  
RESISTANT



SHOCK  
ABSORPTION



ELECTRIC  
HAZARD 18KV



ANTI-NAIL  
MIDSOLE



PETROL AND  
CHEMICAL  
RESISTANT



WATER  
RESISTANT

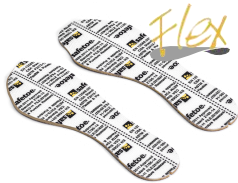


OIL  
RESISTANT



### Composite Toe Cap Protection • AN1-EN12568

It is made with light weight fiber-glass material, which can reach 200 joules from falling or rolling objects. It is stronger and more light than steel toecap.



### Kevlar Plate Protection • AN1-EN12568

Kevlar midsole plate, is zero-penetration resistant. It can resist 1100 newtons nail puncture from sharp objects. It is stronger and more flexible than steel plate.



### Water Resistant Cow Leather Upper • CE EN ISO 20345:2011

High quality cow embossed leather with thickness 1.6-1.8mm. It is treated with water resistant coating to protect feet from raining workday. Tear strength is required 10% higher than Europe test requirement, to reach longer lifespan.



### Heavy Duty PU/PU Outsole • CE EN ISO 20345:2011

The outsole is made with PU/PU dual density material. The midsole is 45±5 degree hardness PU, which is soft and shock absorption. The outsole is 65±5 degree hardness PU, which is tough and abrasion resistant. The outsole can pass SRC slip-resistant test.

## Sole Bonding Strength Test

- EN ISO 20344:2011, 5.2 (Between Upper & Sole)
- Average Test Result  $5.8 \pm 5$  (N/mm)



### Upper, Lining & Bonding Strength Test Result

Leather Tear Strength $\geq$	120.0 Newtons
Leather Tensile Properties $\geq$	15.0 N/mm <sup>2</sup>
Lining Tear Strength $\geq$	15.0 N/mm
Bonding Strength $\geq$	4.0 N/mm

✓ Protection With Slip Resistant (SRC)	Result
Test Requirement : SRA (Eurotile 2+Nal S) Forward Heel Slip $\geq 0.28$ & Forward Flat Slip: $\geq 0.32$ SRB (Steel Floor+Glycerine) Forward Heel Slip $\geq 0.13$ & Forward Flat Slip: $\geq 0.18$	PASS
Standards : EN ISO20344:2011(5.11) , SRC Means both SRA & SRB requirements are fulfilled.	
✓ Protection Against Electric Hazard (EH 18KV)	Result
Test Requirement : Test Voltage 18KV, Test Period 1 Minute, Leakage Current $\leq 1.0\text{mA}$	PASS
Standards : ASTM F2412-18a, Clause 9	
✓ Protection Resistant to Fuel Oil	Result
Test Requirement : Change in Volume and Change in Hardness (Outsole) is No More Than +12%(*)	PASS
Standards : EN ISO 20344:2011(8.6.1)	
SAFETOE Standard Package Instruction (Average 42# for Reference)	
Shoes Weight : 1.3-1.4 KGS /Pair	Carton Weight : 14-15 KGS /Carton
1 Pair / Color Box , Dimensions : 32×30×12CM	10 Pair / Carton , Dimensions : 62×62×33CM



### User Instructions:

- 1.) RECOMMENDED TO USE : Industry, Construction, Logistics, Mechanics, Oil & Gas, Chemical Factory, Electrical worksite etc.
- 2.) LIMITATION TO USE: It is very important that footwear selected must be suitable for the right workplaces. The protection against risks or hazards which are not mentioned in this document is not warranted.
- 3.) FITTING & SIZE: All footwear are marked with standard size on tongue label. Some are with different size comparison, such as EU size, UK size, US size etc. Please wear footwear in a suitable size.

- 4.) STORAGE: Keep the footwear in its original packaging, under ordinary temperature, non-humidity conditions and in clean, covered and ventilated premises.
- 5.) CLEANING: Clean footwear regularly by high quality cleaning treatments recommended as suitable for the purpose. Don't use caustic or corrosive cleaning agents.