

# H-9537 SBP SRC/HRO

## High Rigger Work Boots

Heavy Duty Lace-up High Rigger Boots is made with Brown Cow Nubuck Leather and Rubber Outsole. It is designed as EN ISO 20345:2011 Quality with SBP+I category.



Upper : High Quality Cow Nubuck Leather

Lining : Breathable Sandwich Air Mesh

Insole : Comfortable EVA Coated Mesh

Outsole : Rubber Cement Sole (18KV EH)

Toecap : Steel Toecap

Penetration : Steel Midsole Plate

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

CE EN ISO 20345:2011 SBP+I SRC

Application : Construction, Logistics, Mechanics, Workshop, Oil & Gas, Chemical Factory, Mining etc



200 JOULE  
TOECAP



SLIP-  
RESISTANT



SHOCK  
ABSORPTION



ELECTRIC  
HAZARD 18KV



ANTI-NAIL  
MIDSOLE



PETROL AND  
CHEMICAL  
RESISTANT



WATER  
RESISTANT



OIL  
RESISTANT



### Steel Toecap Protection • AN1-EN12568

Stainless steel toe cap can reach 200 joules from falling or rolling objects. It is stronger than iron toe cap.



### Steel Midsole Plate Protection • AN1-EN12568

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



### Brown Cow Nubuck Leather Upper • CE EN ISO 20345:2011

High quality cow nubuck leather with thickness 1.6-1.8mm. It is treated with breathable technology to keep feet from dry during walking all days. Tear strength is required 10% higher than Europe test requirement, to reach longer lifespan.



### Heavy Duty Rubber Outsole • CE EN ISO 20345:2011

The outsole is made with natural rubber plus 10-15% nitrile. The sides are stitched with kevlar thread, to enhance bond strength between upper & outsole. The rubber material can pass 300°C hot resistant HRO test, and 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 Heat Risk 300°C	Result
Test Requirement : The Outsole Did Not Melt & Did Not Develop Any Cracks When Bent Aound Mandrel	PASS
Standards : EN ISO 20344:2011(8.7). 300°C HRO=Heat Resistant	
✓ 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 : 1.5-1.6 KGS /Pair	Carton Weight : 16-17 KGS /Carton
1 Pair / Color Box , Dimensions : 32×30×12CM	10 Pair / Carton , Dimensions : 62×62×33CM



### User Instructions:

- 1.) RECOMMENDED TO USE : Construction, Logistics, Mechanics, Glasses Installation, Workshop, Farming, Oil & Gas, Chemical Factory, Mining 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.