

# M-8183 EH SBP+I SRC

## Heavy Duty Safety Shoes

High Cut Lace-up Safety Shoes is made with Black Palm Printed 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 : Water Resistant Palm Printed 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



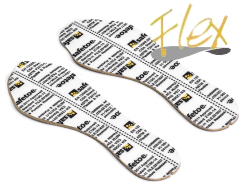
OIL  
RESISTANT



EXTRA  
WIDE

### 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.



Flex

### 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

New design palm printed cow 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  $\leq 1.0$ 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 : 1.2-1.3 KGS /Pair

Carton Weight : 13-14 KGS /Carton

1 Pair / Color Box , Dimensions : 32×23×12CM

10 Pair / Carton , Dimensions : 62×47×33CM



### 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.

Footwear which are too loose or too tight may not provide optimum level of protection.

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.