

M-8010 EH / SBP+I

18KV Electric Insulated Work Boots

Upper: High Quality Water Resistant Cow Leather

Lining: Breathable Sandwich Mesh Insole: Comfortable Hi-Polyu insoles

Outsole: PU/PU Dual Density (Desma Injection)

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 (Metal-Free)

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



















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

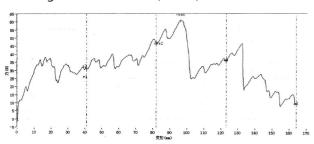
Manufacturerd with Germany Fully Automatic Injection Technology. The outsole is made with PU/PU dual density material. The midsole is 45 ± 5 degree hardness PU, which is soft and shock absorption. The outsole is 65 ± 5 degree hardness PU, which is tough and abrasion resistant.





Sole Bonding Strength Test

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



Upper, Lining & Bonding Strength Test Result		
Leather Tear Strength ≥	120.0 Newtons	
Leather Tensile Properties ≥	15.0 N/mm ²	
Lining Tear Strength ≥	15.0 N/mm	
Bonding Strength ≥	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 ISO 20344:2011 (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 ≤ 1.0mA		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 comparation, 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.

