

Top Quality
Creative Design
Amazing Comfort



Keep Worker in Safe!

L-7163EH ToughLite EH

18kV Dielectric & Breathable Safety Shoes



Electric Hazard 18KV



Upper : Blue Cow Suede Leather

Lining : Breathable Sandwich Mesh

Insole : Anti-Fatigue Memory Foam Insoles

Outsole : Flexible PU/PU Injection

Toecap : Composite Toecap

Penetration : Kevlar Midsole Plate

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

CE EN ISO 20345:2022+A1:2024 SBP+I FO SR

ASTM F2413-18 M I/75 C/75 PR EH

ASTM E 2149-2020 Approved Anti-microbial Lining & Insoles (Odor Resistant)

Application : Energy Power Plansts, Electric Transformer, Tel-Communication, Household Appliance Electrician etc



200 JOULE TOECAP



SLIP-RESISTANT



SHOCK ABSORPTION



ELECTRIC HAZARD 18KV



ANTI-NAIL MIDSOLE



PETROL AND CHEMICAL RESISTANT



WATER RESISTANT



OIL RESISTANT



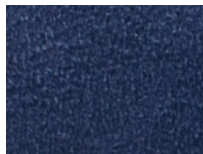
Composite Toe Cap Protection • EN ISO 20345:2022

Compoiste Toecap is light-weight and non-magnetic. The impact resistance can reach 200 joules from falling or rolling objects. The compression resistance can reach 1500kN.



Kevlar Plate Protection (Type PS) • EN ISO 20345:2022

Kevlar midsole plate is flexible and non-metallic. The penetration resistance can reach 1100 newtons from nail or other sharp objects. The flex resistance can reach to 1×10^6 flexion cycles without visble cracking.



Cow Suede Leather Upper • EN ISO 20345:2022

Cow suede leather is treated with breathable technology to keep feet from dry from long-time standing or walk. The tear strength of upper leather can reach to 120 Newtons.

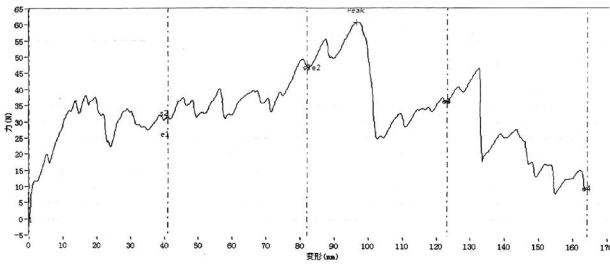


Flexible PU/PU Injection Outsole • EN ISO 20345:2022

Manufactured with Germany Fully Automatic Injection Technology. The outsole is made with PU/PU dual density material. The midsole is 40 ± 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 20345:2022, 5.3 (Between Upper & Sole)
- Average Test Result 5.8 ± 5 (N/mm)



Upper, Lining & Bonding Strength Test Result

| | |
|-----------------------------------|------------------------|
| Leather Tear Strength \geq | 120.0 Newtons |
| Leather Tensile Properties \geq | 15.0 N/mm ² |
| Lining Tear Strength \geq | 15.0 N/mm |
| Bonding Strength \geq | 4.0 N/mm |

✓ Protection Against Electric Hazard (EH 18KV)

Result

Test Requirement : Test Voltage 18KV, Test Period 1 Minute, Leakage Current \leq 1.0mA

PASS

Standards : ASTM F2412-18a, Clause 9

✓ Protection With Slip Resistant (SR)

Result

Test Requirement : Forward Heel Slip \geq 0.31 (Test methodL ISO 13287:2019)

Backward Forepart Slip \geq 0.36 (Test methodL ISO 13287:2019)

PASS

Standards : EN ISO 20345:2022(5.3.5) , Test floor: Ceramic tile, Lubricant: Sodium lauryl sulphate

✓ Protection Resistant to Fuel Oil (FO)

Result

Test Requirement : Change in Volume and Change in Hardness (Outsole) is No More Than +12%(*)

PASS

Standards : EN ISO 20345:2022 (6.4.2)

SAFETOE Standard Package Instruction (Average 42# for Reference)

Shoes Weight : 1.1-1.2 KGS /Pair

Carton Weight : 12-13 KGS /Carton

1 Pair / Color Box , Dimensions : 32×21×12CM

10 Pair / Carton , Dimensions : 62×43×33CM



User Instructions:

- 1.) RECOMMENDED TO USE : Energy Power Plants, Electric Transformer, Tel Communication, Household Appliance Electrician 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.