L-7296 EH(BreazeGuard Pro)

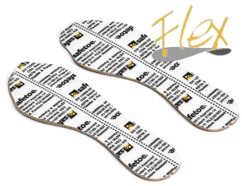
Di-electric Safety Shoes (100% Metal Free)

Upper : Breathable Cow Suede Leather
Lining : BactiVoid™ Breathable Sandwich Mesh
Insole : Anti-fatigue Memory Foam Insoles
Outsole : Flexible PU/PU Injection
Toecap : VortiGard™ Composite Toecap
Penetration : VortiGard™ Kevlar Midsole Plate
Size : EU 37-47#, UK 3-13#, US4-14#
CE EN ISO 20345:2022+A1:2024 SB PS FO SR / ASTM F2413-18 M I/75 C/75 PR EH
ASTM E 2149-2020 Approved Anti-microbial Lining & Insoles (Odor Resistant)
Application : Electrical Power Industry, Electric Equipment Maintenance, Construction & Civil Engineering etc

200 JOULE TOECAP | SLIP-RESISTANT | SHOCK ABSORPTION | ELECTRIC HAZARD 18KV | ANTI-NAIL MIDSOLE | PETROL AND CHEMICAL RESISTANT | OIL RESISTANT

VortiGard™ Composite Toe Cap • 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 15kN.



VortiGard™ Kevlar Plate Protection • 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 visable cracking.

LeatherQua™ Cow Leather Upper • EN ISO 20345:2022

High quality breathable cow suede leather with thickness 1.6-1.8mm. It 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.

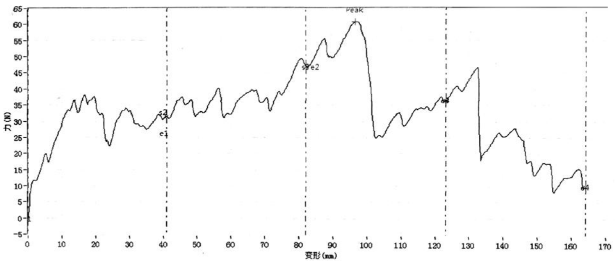
Flexible PU/PU Injection Outsole • EN ISO 20345:2022

Manufacturerd 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.

safetoe
TOP QUALITY SINCE 1984

Sole Bonding Strength Test

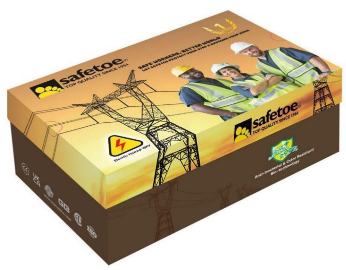
- EN ISO 20345:2022, 5.3 (Between Upper & Sole)
- Average Test Result 5.8±5 (N/mm)



Upper, Lining & Bonding Strength Test Result	
Leather Tear Strength ≥	120.0 Newtons
Leather Tensile Properties ≥	15.0 N/mm²
Lining Tear Strength ≥	15.0 N/mm
Bonding Strength ≥	4.0 N/mm

√ Protection With Slip Resistant (SR)	Result
Test Requirement : Forward Heel Slip ≥0.31 (Test methordL ISO 13287:2019) Backward Forepart Slip ≥0.36 (Test methordL ISO 13287:2019)	PASS
Standards : EN ISO 20345:2022(5.3.5) , Test floor: Ceramic tile, Lubricant: Sodium lauryl sulphate	
√ 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 (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 : Electrical Power Industry, Electric Equipment Maintenance, Construction & Civil Engineering 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.