



L-7570 Metal-Free

Breathable & Light-weight Safety Shoes

Upper : Woven Nylon Fabric+TPU Print

Lining : Breathable Sandwich Air Mesh

Insole : Super Memory Foam Insoles

Outsole : Flexible PU/PU Injection

Toecap : Composite Toecap

Penetration : Kevlar Midsole Plate

Size : EU 38-46#, UK 4-12#, US5-13#

CE EN ISO 20345:2022+A1:2024 S1 PS FO SR

Application : Logistics & Warehouse, Express & Delivery, Repair & Maintenance, Factory Workshop, Garage etc



200 JOULE TOECAP



SLIP-RESISTANT



SHOCK ABSORPTION



ANTI-STATIC



ANTI-NAIL MIDSOLE



PETROL AND CHEMICAL RESISTANT



OIL RESISTANT



Composite Toe Cap Protection • EN ISO 20345:2022

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 • EN ISO 20345:2022

Flexible 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.



Durable Woven Nylon Fabric Upper • EN ISO 20345:2022

High quality weaving nylon fabric technology. 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.



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 (Between Upper & Sole)
- Average Test Result 5.8 ± 5 (N/mm)



Upper, Lining & Bonding Strength Test Result

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

✓ Protection With Slip Resistant (SR)	Result
Test Requirement : Forward Heel Slip ≥ 0.31 (ISO 13287:2019) Backward Heel Slip ≥ 0.36 (ISO 13287:2019)	PASS
Standards : EN ISO20342:2022(5.3.5) , Test floor: Ceramic tile, Lubricant: Sodium lauryl sulphate	
✓ Protection With Anti-Static	Result
Test Requirement : Anti-static 100K Ω -1000M Ω , Test Voltage: 100 \pm 2 V DC, Test Period: 1 Minute	PASS
Standards : EN ISO 20345:2022 Dry Humidity (30 \pm 5) & Wet Humidity (85 \pm 5)	
✓ 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 20345:2022	
SAFETOE Standard Package Instruction (Average 42# for Reference)	
Shoes Weight : 1.0-1.1 KGS /Pair	Carton Weight : 11-12 KGS /Carton
1 Pair / Color Box , Dimensions : 32 \times 21 \times 12CM	10 Pair / Carton , Dimensions : 62 \times 43 \times 33CM



User Instructions:

- 1.) RECOMMENDED TO USE : Logistics & Warehouse, Express & Delivery, Repair & Maintenance, Factory Workshop, Garage 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.