

# 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





## 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

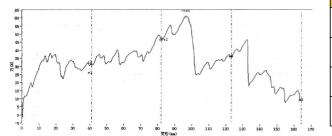
Manufacturerd with Germany Fully Automatic Injection Technology. The outsole is made with PU/PU dual density material. The midsole is  $40\pm5$  degree hardness PU, which is soft and shock absorption. The outsole is  $65\pm5$  degree hardness PU, which is tough and abrasion resistant.





### 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/mm²	
Lining Tear Strength $\geq$	15.0 N/mm	
Bonding Strength ≥	4.0 N/mm	

√ Protection With Slip Resistant (SR)		Result
Test Requirement : Forward Heel Slip ≥0.31 (ISO 13287:2019)		PASS
Backward Heel Slip ≥0.36 (ISO 13287:2019)		
Standards : EN ISO 20342:2022(5.3.5) , Test floor: Ceramic tile, Lubricant: Sodium lauryl sulphate		
√ Protection With Anti-Static		Result
Test Requirement : Anti-static 100K $\Omega$ -1000M $\Omega$ , Test Voltage: 100±2 V DC, Test Period: 1 Minute		PASS
Standards : EN ISO 20345:2022 Dry Humility (30±5) & Wet Humility (85±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 : 32×21×12CM	10 Pair / Carton , Dimensions : 62×43×33CM	





#### **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 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.

