

# L-7570 S1 PS WR LG

### Waterproof & Ladder Grip Safety Shoes

Upper: 3D Weaving Fabric+TPU Print Lining: Water Resistant Membrane Insole: Super Memory Foam Insoles Outsole: Flexible PU/PU Injection

Toecap: Composite Toe

Penetration: Kevlar Midsole Plate Size: EU 38-46#, UK 4-12#, US5-13# CE EN ISO 20345:2022 S1 PS FO SR WR LG

Application: Logistics & Warehouse, Express & Delivery, Repair & Maintenance, Factory Workshop 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 3D Weaving Upper • EN ISO 20345:2022

High quality weving 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 • CE EN ISO 20345:2022

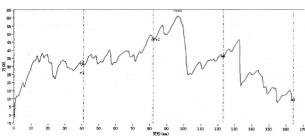
Manufacturerd with Germany Fully Automatic Injection Technology. The outsole is made with PU/PU dual density material. The midsole is 40±5 degree hardness PU, which is soft and shock absorption. The outsole is 65±5 degree hardness PU, which is tough and abrasion resistant.





### **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 ≥                        | 120.0 Newtons          |  |
| Upper Tensile Properties ≥                   | 15.0 N/mm <sup>2</sup> |  |
| Lining Tear Strength ≥                       | 15.0 N/mm              |  |
| Bonding Strength ≥                           | 4.0 N/mm               |  |

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|---|--|--------|--|
| √ Protection With Slip Resistant (SR)   |  | Result |  |
| Test Requirement: Forward Heel Slip ≥0.31 (ISO 13287:2019)  |  | DACC   |  |
| Backward Heel Slip ≥0.36 (ISO 13287:2019)   | PASS                                       |        |  |
| 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 $100$ K $\Omega$ - $1000$ M $\Omega$ , Test Voltage: $100\pm2$ 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 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.

