



# L-7363 S1P

## Breathable & Light-weight Safety Shoes

- Upper : Durable Fly-Knitting Fabric
- Lining : Breathable Sandwich Air Mesh
- Insole : Soft Hi-polyu Insoles
- Outsole : Flexible PU/PU Injection
- Toecap : Steel Toecap
- Penetration : Kevlar Midsole Plate
- Size : EU 38-46#, UK 4-12#, US5-13#
- CE EN ISO 20345:2022 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



### Steel Toecap Protection • EN ISO 20345:2022

Stainless steel toe cap can reach 200 joules from falling or rolling objects. It is stronger than iron toe cap.



### 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 Fly Knitting Upper • CE EN ISO 20345:2022

High quality fly knitting 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

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  $5.8 \pm 5$  (N/mm)



### Upper, Lining & Bonding Strength Test Result

|                                 |                        |
|---------------------------------|------------------------|
| Upper Tear Strength $\geq$      | 120.0 Newtons          |
| Upper Tensile Properties $\geq$ | 15.0 N/mm <sup>2</sup> |
| 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 $\geq 0.31$ (ISO 13287:2019)<br>Backward Heel Slip $\geq 0.36$ (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 $\Omega$ -1000M $\Omega$ , 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.