

# L-7569 Metal-Free

#### **Breathable & Light-weight Safety Shoes**

Upper: Durable Oxford Fabric+TPU Print Lining: Breathable Sandwich Air Mesh

Insole: Soft Hi-polyu Insoles
Outsole: Flexible PU/PU Injection
Toecap: Composite Toecap
Penetration: Kevlar Midsole Plate
Size: EU 37-47#, UK 3-13#, US4-14#

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

ASTM E 2149-2020 Approved Anti-microbial Lining & Insole (Odor Resistant)

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







SLIP-RESISTANT



SHOCK ABSORPTIO



ANTI-STATIO



ANTI-NA MIDSOL



CHEMICA



OIL RESISTA



## Composite Toe Cap Protection • 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 1500kN.



## **Kevlar Plate Protection (Type PS) • 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  $1 \times 10^6$  flexion cycles without visable cracking.



## **Durable Oxford Fabric Upper • EN ISO 20345:2022**

High quality oxford fabric is treated with breathable technology to keep feet dry from long-time standing or walk. The tear strength of fabric can reach to 60 Newtons. TPU printed reenforcement material can extend its lifespan.



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

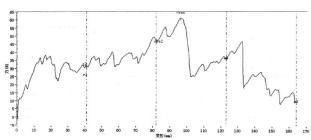
PU/PU double density outsoles are manufacturerd with Germany Fully Automatic Injection Technology. The midsole is  $45\pm5$  degree hardness PU, which is soft and shock absorption. The outsole is  $65\pm5$  degree hardness PU, which is tough and abrasion resistant.





## **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 ≥	60.0 Newtons	
Upper Tensile Properties ≥	15.0 N/mm <sup>2</sup>	
Lining Tear Strength ≥	15.0 N/mm	
Bonding Strength ≥	4.0 N/mm	

√ 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 $100K\Omega$ - $1000M\Omega$ , Test Voltage: $100\pm2$ V DC, Test Period: 1 Minute		PASS
Standards: ENISO 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	
	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.

