

# L-7518 (BreathGuard)

## **Velcro Design Safety Sandals**

Upper: Heavy Duty Micro-Fiber Nubuck Leather Lining: BactiVoid™ Beathable Sandwich Mesh Insole: Anti-fatigue Memory Foam Insoles

Outsole : Flexible PU/PU Injection

Toecap : VortiGard™ Composite Toecap Penetration : VortiGard™ Kevlar Midsole Plate

Size: EU 37-47#, UK 3-13#, US4-14#

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

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

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



















# VortiGard™ Composite Toe Cap • 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 15kN.



#### VortiGard™ Kevlar Plate Protection • 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.



#### PneumaTex™ Micro Fiber Leather • EN ISO 20345:2022

High quality micro fiber nubuck leather with thickness 1.6-1.8mm. It is treated with breathable technology to keep feet from dry from long-time standing or walk. The tear strength of upper leather can reach to 120 Newtons.



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

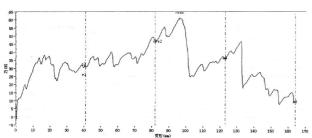
Manufacturerd with Germany Fully Automatic Injection Technology. The outsole is made with PU/PU dual density material. The midsole is  $40\pm5$  degree hardness PU, which is soft and shock absorption. The outsole is  $65\pm5$  degree hardness PU, which is tough and abrasion resistant.





### **Sole Bonding Strength Test**

- EN ISO 20345:2022, 5.3 (Between Upper & Sole)
- Average Test Result 5.8±5 (N/mm)



Upper, Lining & Bonding Strength Test Result		
Leather Tear Strength ≥	120.0 Newtons	
Leather Tensile Properties ≥	15.0 N/mm <sup>2</sup>	
Lining Tear Strength ≥	15.0 N/mm	
Bonding Strength ≥	4.0 N/mm	

更形(sas)			
√ 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: $100\pm2$ 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		



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#### **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.

