

L-7602

Breathable & Light-weight Safety Shoes

Upper : PneamaTex™ Micro Fiber Leather

Lining: BactiVoid™ Breathable Sandwich Air Mesh

Insole: Anti-fatigue Memory Foam Insoles

Outsole: QuantumHold™ EVA/Rubber (Hyper-EVA Insert)

Toecap: VortiGard™ Aluminum Toecap

Penetration : QuantumLite™ Anti-puncture PE Fiber

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

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

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

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

















VortiGard™ Aluminum Toe Cap • EN ISO 20345:2022

Aerospace-grade Aluminum toecap delivers 40% weight reduction vs. traditional steel toecap. With uncompromised protection, Alunimum toecap can meet both EN and ASTM standards for impact (200J) and compression (15kN).



QuantumLite[™] PE Plate Protection • EN ISO 20345:2022

Engineered with advanced PE fiber, this anti-puncture PE fiber plate is 60% lighter than traditional kevlar plate. It meets rigorous 1100N EN/ASTM safety standards, offering freedom of movement all day long.



PneumaTex™ Micro Fiber Leather • EN ISO 20345:2022

High quality micro fiber leather with thickness 1.6-1.8mm. It is treated with water resistant coating to keep feet dry from raining workday. The tear strength of upper leather can reach to 120 Newtons.



QuantumHold™ EVA/Rubber Outsole • EN ISO 20345:2022

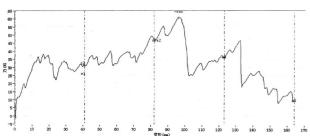
The outsole combines a lightweight, cushioned EVA midsole with a slip, abrasion, and oil-resistant Nitrile Rubber outsole. The heel part features a Hyper-EVA insert for enhanced rebound, supported by a TPU arch structure for ultimate stability and comfort.





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 ²	
Lining Tear Strength ≥	15.0 N/mm	
Bonding Strength ≥	4.0 N/mm	

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	Result	
	PASS	
Standards: EN ISO 20342:2022(5.3.5), Test floor: Ceramic tile, Lubricant: Sodium lauryl sulphate		
√ Protection With Anti-Static		
Test Requirement : Anti-static $100K\Omega$ - $1000M\Omega$, Test Voltage: 100 ± 2 V DC, Test Period: 1 Minute		
Standards: EN ISO 20345:2022 Dry Humility (30±5) & Wet Humility (85±5)		
√ Protection Resistant to Fuel Oil		
Test Requirement: Change in Volume and Change in Hardness (Outsole) is No More Than +12%(*)		
Standards: EN ISO 20345:2022		
SAFETOE Standard Package Instruction (Average 42# for Reference)		
Carton Weight: 11-12 KGS / Carton		
10 Pair / Carton , Dimensions : 62×43×33CM		
	100±2 V DC, Test Period: 1 Minute Humility (85±5) (Outsole) is No More Than +12%(*) # for Reference) Carton Weight: 11-12 KGS / Carton	



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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.

