

L-7585 Metal Free

Velcro Design Safety Sandals

Upper: Full Grain Smooth Cow Leather
Lining: BactiVoid™ Beathable Sandwich Mesh
Insole: Anti-fatigue Memory Foam Insoles
Outsole: QuantumHold™ PU/Rubber 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 CI HI HRO

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 1×10^6 flexion cycles without visable cracking.



LeathQua™ Cow Leather Upper • EN ISO 20345:2022

High quality full grain palm printed cow leather with thickness 1.6-1.8mm. It is treated with water resistant coating to protect feet from raining workday. The tear strength of upper leather can reach to 120 Newtons.



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

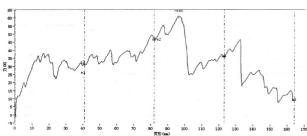
PU/Rubber outsoles are manufacturerd with Germany Fully Automatic Injection Technology. The midsole is 45±5 degree hardness PU, which is soft and shock absorption. The outsole is natural rubber with 5%-10% nitrile, which is abrasion resistant, slip resistant, oil resistant and heat resistant.





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 ²	
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 $100K\Omega$ - $1000M\Omega$, Test Voltage: 100 ± 2 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, 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.

