



**safetoe**  
TOP QUALITY SINCE 1984

Top Quality  
Creative Design  
Amazing Comfort



Keep Worker in Safe!

# L-7601 Navy

## Breathable & Light-weight Safety Shoes

Upper : Durable 3D Weaving Fabric +TPU Print

QuickDial™ Twist Lock System for Fast Tighten & Release

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#, USA-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



200 JOULE  
TOECAP



SLIP-  
RESISTANT



SHOCK  
ABSORPTION



ELECTRIC  
HAZARD 18KV



ANTI-NAIL  
MIDSOLE



PETROL AND  
CHEMICAL  
RESISTANT



OIL  
RESISTANT



EXTRA  
WIDE

### VortiGard™ Aluminum Toe Cap • EN ISO 20345:2022

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



Flex

### 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.



### Durable 3D Weaving Fabric Upper • EN ISO 20345:2022

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

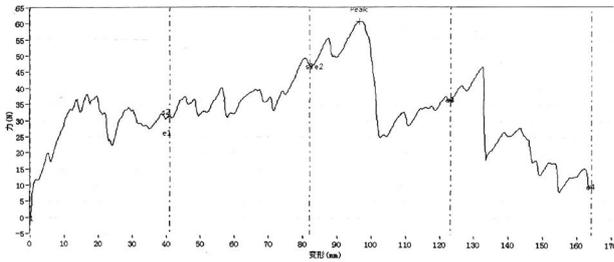


### QuantumHold™ EVA/Rubber Outsole • EN ISO 20345:2022

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  $5.8 \pm 5$  (N/mm)



### Upper, Lining & Bonding Strength Test Result

Upper Tear Strength $\geq$	60.0 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)  
 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.

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.