

## ESD Safety Shoes

### ◆ Product Description

ESD safety shoes are expertly crafted with a special conductive sole to efficiently dissipate static electricity from the body, safeguarding sensitive electronics and preventing ignition in flammable zones, while meeting international ESD safety norms. The upper is made of either durable, breathable leather or high - performance synthetic materials, and features a soft, skin - friendly inner lining for all - day comfort. Ergonomically designed, they have a cushioned insole for arch support and shock absorption, a flexible midsole for natural foot movement, and a stable heel to prevent slips. Equipped with an impact - resistant toe cap and non - slip outsole for enhanced safety, these shoes are easy to clean and maintain.

- Rapid Static Dissipation、Comply with ESD standards
- Durable and Abrasion - Resistant Upper、Impact - Resistant Toe Cap
- Soft and Comfortable Inner Lining
- Ergonomic Insole Design
- Stable Heel for Slip Prevention

### ◆ Product Structure

ESD safety shoes are made up of multiple parts

- ESD safety shoes are made of high-grade two-layer nubuck leather, known for its durability and wear resistance. In terms of the sole, the outsole is a key component for static dissipation, made of dual-density PU sole, which can conduct human static electricity to the ground to prevent charge accumulation. The lining structure is made of soft, skin-friendly materials, such as breathable mesh fabric or soft synthetic materials, providing a smooth and comfortable surface for the feet, reducing the possibility of blisters, and also able to wick moisture to keep the feet dry and comfortable.

### ◆ Typical Applications

- ESD safety shoes are used in multiple industries. In electronics manufacturing and semiconductor production, they protect sensitive components from static electricity damage. In the pharmaceutical industry, they prevent pollution caused by static electricity to ensure the production of high-quality drugs. In chemical plants, they eliminate the risk of explosions triggered by static electricity. In the medical field, they avoid interference with sensitive medical equipment. These shoes play a crucial role in maintaining safety and product integrity in different working environments.



### ◆ Typical Product Data and Physical Properties

Product Model: KB - 00337

Size: 34#-48#

Function: anti-static/anti-smashing oil resistant skid-proof/anti-piercing

Upper Material: High - grade second - layer suede

Midsole Material: Kevlar midsole

Lining Material: Athletic breathable lining

Outsole Material: Dual - density PU outsole

Antistatic Performance:  $7.5 \times 10^5 - 1.0 \times 10^9$  ohms

Friction Voltage:  $< \pm 100$  V

Safety Protection Level:

Impact - resistant (200J impact, GB21148 - 2020)

Puncture - resistant (1100N, GB21148 - 2020)

### Availability:

Item#	Size	Color	Packing	Weight
1.1.04.08.0053	34#	Blue-Black	1 pair/box, 6 pairs/carton	0.92kg
1.1.04.08.1042	35#	Blue-Black	1 pair/box, 6 pairs/carton	0.955kg
1.1.04.08.1043	36#	Blue-Black	1 pair/box, 6 pairs/carton	0.985kg
1.1.04.08.1044	37#	Blue-Black	1 pair/box, 6 pairs/carton	0.995kg
1.1.04.08.1045	38#	Blue-Black	1 pair/box, 6 pairs/carton	1kg
1.1.04.08.1046	39#	Blue-Black	1 pair/box, 6 pairs/carton	1.015kg
1.1.04.08.1047	40#	Blue-Black	1 pair/box, 6 pairs/carton	1.03kg
1.1.04.08.1048	41#	Blue-Black	1 pair/box, 6 pairs/carton	1.06kg
1.1.04.08.1049	42#	Blue-Black	1 pair/box, 6 pairs/carton	1.09kg
1.1.04.08.1050	43#	Blue-Black	1 pair/box, 6 pairs/carton	1.125kg
1.1.04.08.1051	44#	Blue-Black	1 pair/box, 6 pairs/carton	1.13kg
1.1.04.08.1052	45#	Blue-Black	1 pair/box, 6 pairs/carton	1.2kg
1.1.04.08.1053	46#	Blue-Black	1 pair/box, 6 pairs/carton	1.245kg
1.1.04.08.1054	47#	Blue-Black	1 pair/box, 6 pairs/carton	1.3kg
1.1.04.08.1055	48#	Blue-Black	1 pair/box, 6 pairs/carton	1.35kg

### ◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

### ◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data for reference only

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