

ESD Reverse Mesh Rack

◆ Product Description

ESD Wire Mesh Shelving is a mobile anti-static storage solution specifically designed for ESD-sensitive industries such as electronics, semiconductors and precision instruments. Integrated with a flexible swivel caster design, it achieves the dual functions of electrostatic protection and convenient mobility. It effectively protects ESD-sensitive components from electrostatic damage, while improving the efficiency of material turnover and space utilization.



- High-efficiency ESD protection with stable and reliable shielding performance
- Flexible mobility paired with stable positioning
- Modular design for easy assembly, disassembly and adjustment
- Robust and durable with excellent load-bearing capacity
- Strong adaptability to meet diverse scenario requirements

◆ Product Structure

- The ESD wire mesh shelving is made of carbon steel with chrome plating. Its main structure consists of columns with equally spaced adjustment holes and carbon steel wire mesh shelves with chrome plating, enabling tool-free quick assembly and disassembly via metal buckles. The bottom is equipped with 4 grey anti-static swivel casters (2 with double brakes and 2 standard ones), and a conductive chain is additionally installed to form a complete electrostatic discharge path, featuring both flexible mobility and stable stationary performance.

◆ Typical Product Data and Physical Properties

Main Frame Material: Carbon steel with chrome plating
 Anti-static Swivel Casters: Solid rubber tread + carbon steel with chrome-plated bracket
 Conductive Chain: Copper-plated carbon steel chain
 Uniform Load Capacity per Shelf: ≥220kg/layer
 Spacing of Column Adjustment Holes: 25.4 MM
 Verticality Deviation of Frame: ≤0.5°
 Anti-static Resistance Value: <1.0*10⁹Ω
 Electrostatic Discharge Time: ≤0.1 s

Availability:

Item#	Number of Layers	Spec	Weight
1.4.02.02.0009	4-Layer Wire Mesh	1300*450*1300MM	35kg
1.4.02.02.0011	3-Layer Wire Mesh	1200*450*1300MM	30kg
1.4.02.02.0018	3-Layer Wire Mesh	900*450*1200MM	25kg
1.4.02.02.0013	3-Layer Wire Mesh	800*400*850MM	20kg

◆ 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 is for reference purposes only.

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