

Clean Door

◆ Product Description

Cleanroom doors are specifically designed for high-cleanliness demand scenarios such as medical, electronics, and food industries. Constructed with stainless steel or high-quality steel plates, they feature a smooth, seamless surface for easy cleaning. Equipped with sealing strips and an automatic lifting sealing device at the bottom, the doors offer excellent airtightness, effectively blocking the penetration of dust, bacteria, and pollutants. Durable and corrosion-resistant, they support both manual and automatic sensor activation, providing a reliable barrier for cleanroom environments.

- Superior Airtightness
- High-Quality Materials & Surface Finish
- Easy Operation & Safety
- Extended Service Life
- Robust Barrier

◆ Product Structure

- The cleanroom door adopts a one-piece formed door frame and seamless door leaf structure. Its main body is made of stainless steel, aluminum alloy, or high-quality steel plate, with the door leaf internally filled with flame-retardant paper honeycomb, aluminum honeycomb, or rock wool core material. EPDM (ethylene propylene diene monomer) sealing strips are installed around the door, paired with an automatic lifting sealing device at the bottom. An optional one-piece tempered glass observation window is available, supplemented by high-strength hinges or automatic sensor opening/closing components. The overall design has no hygiene dead corners, ensuring both structural stability and enhanced sealing and protective performance.

◆ Typical Applications

- Cleanroom doors are widely used in scenarios requiring strict environmental cleanliness and airtightness, such as medical operating rooms, pharmaceutical workshops, electronic cleanrooms, food processing plants, biological laboratories, and semiconductor cleanrooms. They effectively block dust, bacteria, and pollutants, maintain the positive pressure difference and specified cleanliness levels in spaces, help various industries meet compliance standards such as GMP and ISO, and ensure the safe and efficient conduct of production, experimental, and diagnostic activities.



单开门

双开门

子母门

◆ Typical Product Data and Physical Properties

Type: Single Door / Double Door / Parent-Child Door

Material: Galvanized Steel / Stainless Steel

Core Material: Paper Honeycomb / Aluminum Honeycomb / Rock Wool

Sound Insulation Performance: 30-40 DB (varies by structure)

Cleanliness Class: Complies with ISO standards, featuring a seamless surface and easy-to-clean property

Availability:

Material Code	Product Name	Weight	Packing
1.4.24.01.0005	Clean Door	50KG	1PC/CTN
1.4.24.01.0078	Clean Door	50KG	1PC/CTN
1.4.24.01.0079	Clean Door	50KG	1PC/CTN
1.4.24.01.0080	Clean Door	50KG	1PC/CTN
1.4.24.01.0081	Clean Door	90KG	1PC/CTN
1.4.24.01.0082	Clean Door	90KG	1PC/CTN
1.4.24.01.0083	Clean Door	90KG	1PC/CTN
1.4.24.01.0084	Clean Door	90KG	1PC/CTN
1.4.24.01.0085	Clean Door	90KG	1PC/CTN
1.4.24.01.0086	Clean Door	160KG	1PC/CTN
1.4.24.01.0087	Clean Door	160KG	1PC/CTN
1.4.24.01.0088	Clean Door	160KG	1PC/CTN
1.4.24.01.0089	Clean Door	160KG	1PC/CTN
1.4.24.01.0090	Clean Door	160KG	1PC/CTN
1.4.24.01.0094	Clean Door	50KG	1PC/CTN

◆ 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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