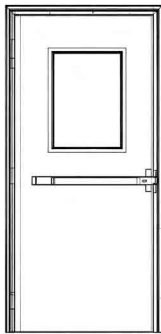


## Safety Door



### ◆ Product Description

The safety door is the "key barrier" of the cleanroom, which must simultaneously undertake multiple missions of physical protection, emergency support and sterile isolation. with " medical-grade cleanliness standards + industrial-grade safety performance" as the core design principle, it builds a dual protection system of "comprehensive protection without blind spots and zero-pollution isolation" for places with high cleanliness requirements.

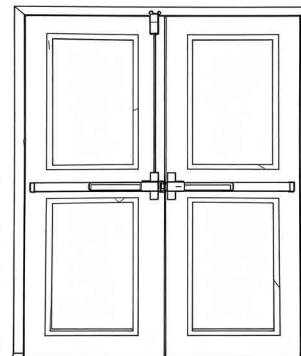
- Medical-grade antibacterial material
- Industrial-grade safety architecture
- Triple seamless sealing
- Intelligent contactless control
- Adaptable to complex operating environments

### ◆ Product Structure

- The safety door adopts galvanized steel sheets as inner and outer door panels, with high-density paper honeycomb core filled in the middle and reinforcing ribs installed, forming a composite door leaf with a total thickness of 50mm. it is equipped with a clamp-on door frame made of 1.5mm galvanized steel sheet. the door leaf is fitted with double-layer 5mm tempered glass curved vision windows, which are fixed by circular pressure rings and silicone sealing. A 304 stainless steel fire push bar is installed on the inner side, linked with a double-bolt lock body to realize emergency push-to-open function, making it suitable for various public and industrial scenarios.

### ◆ Typical Applications

The safety door, with features such as antibacterial material, seamless sealing and contactless control, precisely adapts to scenarios requiring high cleanliness, pollution prevention and strong safety protection in pharmaceutical, food, electronics, biotechnology, medical and other fields, complying with the stringent cleanliness and compliance standards of various industries.



### ◆ Typical Product Data and Physical Properties

Door Leaf Panel: 1.0mm Hot-Dip Galvanized Steel Sheet

Door Leaf Filling: 50mm High-Density Paper Honeycomb Core

Door Frame: 1.5mm Hot-Dip Galvanized Steel Sheet

Vision Window Assembly: 5mm Tempered Glass

Fire Push Bar: 304 Stainless Steel

Sound Insulation Performance: ≥30dB

Impact Load: ≥100kg

Fire Push Bar Pull Force: ≤70N

Protection Class: IP54

### Availability:

Item#	size	Specification	Installation Wall	Weight
1.4.24.01.0004	W0.8*H2.15	Single Swing Door	Color Steel Plate	40kg
1.4.24.01.0076	W0.9*H2.1	Single Swing Door	Color Steel Plate	45kg
1.4.24.01.0077	W1.5*H2.1	Double Swing Door	Lightweight Keel Wall	80kg

### ◆ 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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