Technical Data sheet

Gas Mask

◆ Product Description

This product is a half-face gas mask specially designed for personal respiratory protection,the core part of the mask body is made of food-grade liquid silicone, so it is not easy to leave indentations even when worn for a long time, balancing both comfort and durability.

- High-quality silicone material
- Humanized half-face structure
- Wide field of vision design
- High-efficiency respiratory protection
- Durable and easy to maintain

◆ Product Structure

- The gas mask is made of food-grade liquid silicone and has a half-face arc shape, it is equipped with a four-strap elastic headband; on the side, there is a two-way breathing valve consisting of an ABS valve body and nitrile rubber valve plates,at the bottom, there is a standard threaded toxic gas filter interface with a silicone sealing ring, and the edges are also equipped with silicone stepped sealing edges ,all components work together to ensure sealability, comfort and protective compatibility.

◆ Typical Applications

- The gas mask is suitable for filtering organic vapors when conducting inspections of organic solvents in chemical workshops; when handling acid reagent leaks in laboratories, it can be connected with filter cotton to prevent acid mist; during underground mining and tunneling operations, the headband is stable, the silicone is moisture-resistant, and it can also filter dust and harmful gases,it is suitable for various scenarios that require respiratory protection.

◆ Typical Product Data and Physical Properties

Mask Body Material: High-Grade Silicone
Exhalation Valve: 3M™ Cool Flow™ Cool Flow™ Exhalation Valve
Model: 3M7502
Inhalation Resistance: ≤ 35Pa
Exhalation Resistance: ≤ 25Pa
Horizontal Field of Vision: ≥ 120°
Vertical Field of Vision: ≥ 60°
Leakage Rate: ≤ 0.05%

Availability:

Item#	Model	packaging
1.1.06.08.0018	3M7502	1pcs/box

◆ 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