

## 3M™ Secure Click™ Reusable Half Face Masks HF-800 Series

### Product Description

3M™ Secure Click™ Reusable Half Face Mask HF-800 Series is available as two versions, HF-800 and HF-800SD. The HF-800SD versions have a speaking diaphragm. Both versions are available in three sizes.

Model	Size
HF-801	Small
HF-802	Medium
HF-803	Large
HF-801SD	Small, Speaking Diaphragm
HF-802SD	Medium, Speaking Diaphragm
HF-803SD	Large, Speaking Diaphragm



All masks in the HF-800 range have the 3M™ Secure Click™ filter connection mechanism allowing connection to a broad range of 3M™ Secure Click™ filters to protect against gases, vapours and/or particulates depending on your individual needs.

### Key Features

- Soft silicone facepiece
- Includes a negative pressure push button seal check mechanism
- Flexible System (gas & vapour and / or particulate filters)
- For use with 3M™ Secure Click™ filters.
- HF-800SD includes a speaking diaphragm.
- Face piece weight:182 g (Varies per size and model).

### Filter Options

3M™HF-800 Secure Click™ Reusable Half Face Mask can be used with a variety of different filter options:

#### Gas and Vapour Filters Only:

The filters generally protect against either single or multiple contaminant type(s). The D8000 Series filters fit directly onto the mask.

#### Particulate Filters Only:






These filters provide protection against solid and non-volatile liquid particles. The D3000 Series particulate filters fit directly onto the respirator.

## Combination of Gas & Vapour and Particulate Filters:








The D8094 and D8095 have Particulate filter media integrated with the Gas and Vapour filter.

The D7900 Series particulate filters are used, along with D701 retainers to add particulate protection to a 3M D8000 Gas and Vapour filter. D7900 filters are used in “fours”, with one fitted to each side of the dual sided D8000 gas and vapour filters, which themselves are used in pairs.

## Gas and Vapour/Combination Filters

Filter	Image	Standard	Class	Hazard
D8051		EN14387: 2004 +A1:2008	A1	Organic Vapours (b.pt. > 65°C)
D8055		EN14387: 2004 +A1:2008	A2	Organic Vapours (b.pt. > 65°C)
D8059		EN14387: 2004 +A1:2008	ABEK1	Combination organic vapours (b.pt. >65°C), inorganic & acid gases & Ammonia
D8094		EN14387: 2004 +A1:2008	ABEK1P3 R	Combination organic vapours (b.pt. >65°C), inorganic & acid gases, Ammonia Particulates and Formaldehyde
D8095		EN14387: 2004 +A1:2008	A2P3 R	Organic vapours (b.pt. >65°C), & Particulates

## Particulate Filters

Filter	Image	Standard	Class	Protects Against
D7915		EN143:2000 / A1:2006	P1 R	Particulates (Fine Dusts & Mists)
D7925		EN143:2000 / A1:2006	P2 R	Particulates (Fine Dusts & Mists)
D7935		EN143:2000 / A1:2006	P3 R	Particulates (Fine Dusts & Mists)
D3125		EN143:2000 / A1:2006	P2 R	Particulates (Fine Dusts & Mists)
D3135		EN143:2000 / A1:2006	P3 R	Particulates (Fine Dusts & Mists)
D3128		EN143:2000 / A1:2006	P2 R	Particulates, Ozone & nuisance levels of Organic Vapours & Acid Gases
D3138		EN143:2000 / A1:2006	P3 R	Particulates, Ozone & nuisance levels of Organic Vapours & Acid Gases

\*Nuisance levels refers to concentrations not exceeding applicable government occupational exposure limits.

## Standards and Approvals

These products have been tested to the relevant European Standards:

HF-800 Secure Click™ Half Masks to EN 140:1998.

HF-800 Series Half mask and associated filters have an inhalation breathing resistance of less than 5 mbar, when measured at 95 lpm continuously.

## Use Limitations

Before use, check the expiration date.

These respirators do not supply oxygen. Do not use in oxygen deficient areas.\*

Do not use for respiratory protection against atmospheric contaminants that have poor warning properties, are unknown or immediately dangerous to life and health (IDLH) or against contaminants that generate high heats of reaction with chemical filters. Do not misuse, alter, modify or repair this product. Do not use with beards or other facial hair that prevents direct contact between the face and the edge of the respirator. Do not use with unknown concentrations of contaminants.

Leave the work area immediately and check the integrity of the respirator and replace face mask if:

Damage has occurred or is apparent. Breathing becomes difficult or increased breathing resistance occurs. Dizziness or other distress occurs. You taste or smell the contaminant, or an irritation occurs.

\* 3M definition minimum 19.5% by volume oxygen.

**For other use limitations please refer to the User Information supplied with the**

## Cleaning and Storage

Cleaning is recommended after each use.

To clean the respirator, the 3M™ 105 Wipe should be used to wipe the face seal of the product. Remove filters. The head harness assembly, exhalation valve, inhalation valve and speaking diaphragm (if present) can also be disassembled if necessary.

Alternatively, clean parts (excluding filters) by immersing in warm cleaning solution (water temperature not to exceed 50 °C), scrub with soft brush until clean. Add neutral detergent if necessary. Disinfect respirator by soaking in a solution of quaternary ammonia disinfectant or sodium hypochlorite (30 ml/7.5 l) or other disinfectant. Rinse in clean, warm water and air dry at room temperature in a non-contaminated atmosphere. Do not reassemble parts until facepiece is completely dry.

A respirator washer can be used to clean the HF-800 Series respirator. Respirator washers have a rack designed to hold the respirator in place during washing. DO NOT use a washing machine, which allows the respirators to tumble while being washed. This could damage the respirator. Water temperature should not exceed 50°C.

## Materials

Component	Material
Face Seal	Silicone Rubber
Fascia	Thermoplastic
Inhalation/Exhalation valve	Silicone Rubber
Speaking Diaphragm	Thermoplastic, Silicone Rubber and Polyimide Film
Straps	Synthetic Fiber
Buckles	Thermoplastic

## Spare Parts

Part Number	Description
HF-800-01	Head Harness Assembly, 5/cs
HF-800-04	Head Harness Assembly, SD Version, 5/cs
HF-800-02	Inhale/Exhale Valve, 10/cs
HF-800-05	Speaking Diaphragm, 5/cs
HF-800-03	Quantitative Fit Test Adapter Kit, 1/cs

## Shelf Life\*

Shelf life: 3 years from production date when stored at storage conditions described on packaging.

*\*The shelf life as defined above remains indicative and maximum data, subject to many external and non-controllable factors. It may never be interpreted as a warranty.*

## Important Notice

The use of the 3M product described within this document assumes that the user has previous experience of this type of product and that it will be used by a competent professional. Before any use of this product it is recommended to complete some trials to validate the performance of the product within its expected application.

All information and specification details contained within this document are inherent to this specific 3M product and would not be applied to other products or environment. Any action or usage of this product made in violation of this document is at the risk of the user.

Compliance to the information and specification relative to the 3M product contained within this document does not exempt the user from compliance with additional guidelines (safety rules, procedures). Compliance to operational requirements especially in respect to the environment and usage of tools with this product must be observed. The 3M group (which cannot verify or control those elements) would not be held responsible for the consequences of any violation of these rules which remain external to its decision and control.

Warranty conditions for 3M products are determined with the sales contract documents and with the mandatory and applicable clause, excluding any other warranty or compensation. Respiratory Protection is only effective if it is correctly selected, fitted and worn throughout the time when the wearer is exposed to respiratory contaminants. 3M offers advice on the selection of products, and training in the correct fitting and usage.

For more information on 3M products and services please contact 3M.