

## 3M™ Secure Click™ Reusable Full Face Masks FF-800 Series

### Product Description

The **3M™ Secure Click™ Reusable Full Face Mask FF-800 Series** helps provide protection against certain airborne contaminants. FF-800 are available in three sizes.



| Model  | Size   |
|--------|--------|
| FF-801 | Small  |
| FF-802 | Medium |
| FF-803 | Large  |

All masks in the FF-800 range have the 3M™ Secure Click™ filter connection mechanism allowing connection to a broad range of 3M™ Secure Click™ filters to help 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
- Includes a speaking diaphragm
- Face piece weight: approximately 641 g (Varies per size and model)

### Filter Options

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

#### Gas and Vapour Filters Only:

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

## Particulate Filters Only:

These filters help protect against solid and non-volatile liquid particles. The D3000 and D9000 Series particulate filters fit directly onto the respirator.

## Combination of Gas & Vapour and Particulate Filters:

The D8094, D8095 and D8097 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

Figure 1: Gas and Vapour/Combination Filter Options



A



B



C



D



E

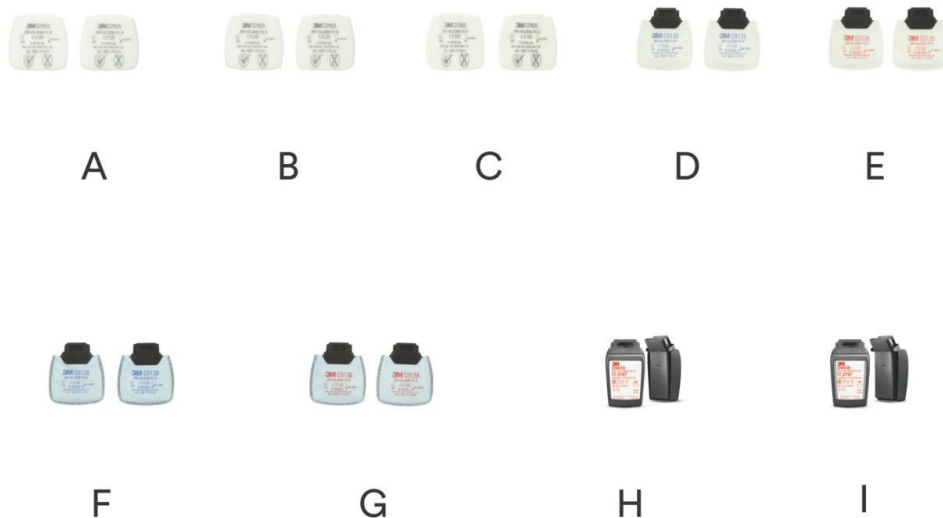


F

| Filter | Image (see Figure: Gas and Vapour/ Combination Filter Options) | Standard               | Class                      | Hazard                                                                                                              |
|--------|----------------------------------------------------------------|------------------------|----------------------------|---------------------------------------------------------------------------------------------------------------------|
| D8051  | A                                                              | EN14387: 2004 +A1:2008 | A1                         | Organic Vapours (b.pt. > 65°C)                                                                                      |
| D8055  | A                                                              | EN14387: 2004 +A1:2008 | A2                         | Organic Vapours (b.pt. > 65°C)                                                                                      |
| D8057  | B                                                              | EN14387:2004 + A1:2008 | ABE1 + formaldehyde        | Combination organic vapours (B.pt.>65°C), inorganic and acid gases and formaldehyde                                 |
| D8059  | C                                                              | EN14387: 2004 +A1:2008 | ABEK1                      | Combination organic vapours (b.pt. >65°C), inorganic and acid gases and Ammonia                                     |
| D8094  | D                                                              | EN14387: 2004 +A1:2008 | ABEK1P3 R                  | Combination organic vapours (b.pt. >65°C), inorganic and acid gases, Ammonia Particulates and Formaldehyde          |
| D8095  | E                                                              | EN14387: 2004 +A1:2008 | A2P3 R                     | Organic vapours (b.pt. >65°C), & Particulates                                                                       |
| D8097  | F                                                              | EN14387:2004 + A1:2008 | ABEK1HgP3 R + formaldehyde | Combination organic vapours (B.pt. >65°C), inorganic and acid gases, ammonia, mercury, particulate and formaldehyde |

## Particulate Filters

Figure 2: Particulate Filter Options



| Filter | Image (see Figure: Particulate Filter Options) | Standard   | Class | Protects Against                                                                                                   |
|--------|------------------------------------------------|------------|-------|--------------------------------------------------------------------------------------------------------------------|
| D7915  | A                                              | EN143:2021 | P1    | Particulates (fine dusts and mists)                                                                                |
| D7925  | B                                              | EN143:2021 | P2    | Particulates (fine dusts and mists)                                                                                |
| D7935  | C                                              | EN143:2021 | P3    | Particulates (fine dusts and mists)                                                                                |
| D3125  | D                                              | EN143:2021 | P2    | Particulates (fine dusts and mists)                                                                                |
| D3135  | E                                              | EN143:2021 | P3    | Particulates (fine dusts and mists)                                                                                |
| D3128  | F                                              | EN143:2021 | P2    | Particulates, Ozone, and nuisance levels of Organic Vapours and Acid Gases*                                        |
| D3138  | G                                              | EN143:2021 | P3    | Particulates, Ozone, and nuisance levels of Organic Vapours and Acid Gases*                                        |
| D9035  | H                                              | EN143:2021 | P3    | Particulates (fine dusts & mists)                                                                                  |
| D9038  | I                                              | EN143:2021 | P3    | Particulates, Hydrogen Fluoride up to 30 ppm, and nuisance levels of Organic Vapours and Acid Gases below the OEL* |

\*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:

FF-800 Secure Click™ Half Masks to EN 136:1998 Class 2.

## Technical Properties

| 3M™ Reusable Full Face Masks FF-800 Series | Protection level                                                                                                                                      |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| P1 Particulate Filters                     | Country specific Protection factor (NPF* 5; UK/I APF 4; Germany APF 4; Italy APF 4)                                                                   |
| P2 Particulate Filters                     | Country specific Protection factor (NPF 16; UK/I APF 10; Germany APF 15; Italy APF 15)                                                                |
| P3 Particulate Filters                     | Country specific Protection factor (NPF 1000; UK/I APF 40; Germany APF 400; Italy APF 400)                                                            |
| Class 1 Gas and Vapour Filters             | The lowest of either the Country specific Protection Factor ( NPF 2000; UK/I APF 20; Germany APF 400; Italy APF 400) or 1000 ppm (whichever is lower) |
| Class 2 Gas and Vapour Filters             | The lowest of either the Country specific Protection Factor ( NPF 2000; UK/I APF 20; Germany APF 400; Italy APF 400) or 5000 ppm (whichever is lower) |
| Special/combination filter (GasX PX)       | Please contact 3M                                                                                                                                     |

\*Nominal Protection Factor (NPF) - a number derived from the maximum percentage of total inward leakage permitted in relevant European Standards for a given class of respiratory protective devices. This may not be the level of respiratory protection that can be realistically expected in the workplace by wearers. Many countries apply Assigned Protection Factors (APFs). Please refer to EN 529:2005 and National workplace protection guidance for application of these Protection Factors in the workplace.

## Use Limitation

Before use, check the expiration date.

These respirators do not supply oxygen. Do not use in oxygen deficient areas. 3M definition minimum 19.5% by volume oxygen (Individual countries may apply their own limits on oxygen deficiency. Seek advice if any doubt).

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.

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

## 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 FF-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                              |
| Lens                   | Coated Polycarbonate                         |
| Exhalation Valve Cover | Plastic                                      |
| Inhalation Valve       | Plastic and Silicone Rubber                  |
| Exhalation Valve       | Plastic and Silicone Rubber                  |
| Nosecup                | Silicone Rubber                              |
| Speaking Diaphragm     | Plastic, Silicone Rubber, and Polyimide Film |
| Straps                 | Silicone Rubber                              |
| Comfort Cradle         | Plastic                                      |
| Buckles                | Plastic                                      |

## Spare Parts

| Part Number | Description                                                            |
|-------------|------------------------------------------------------------------------|
| FF-400-01   | 3M™ Buckle FF-400-01, 30 EA/Case                                       |
| FF-400-02   | 3M™ Button FF-400-02, 30 EA/Case                                       |
| FF-400-06   | 3M™ Comfort Cradle Head Harness Attachment FF-400-06, 5 EA/Case        |
| FF-400-07   | 3M™ Exhalation Valve Assembly FF-400-07, 5 EA/Case                     |
| FF-400-11   | 3M™ Nose Cup Assembly FF-400-11, 5 EA/Case                             |
| FF-400-13   | 3M™ Speaking Diaphragm Assembly FF-400-13, 5 EA/Case                   |
| FF-800-01   | 3M™ Secure Click™ Lens Replacement FF-800-01, 5 ea/Case                |
| FF-800-02   | 3M™ Secure Click™ Lens Frame Assembly FF-800-02, 5 ea/Case             |
| FF-800-03   | 3M™ Secure Click™ Inhalation Valve Assembly FF-800-03, 10 ea/Case      |
| FF-800-04   | 3M™ Secure Click™ Exhalation Valve Cover Assembly FF-800-04, 5 ea/Case |
| FF-800-05   | 3M™ Secure Click™ Head Harness FF-800-05, 5/Case                       |
| 7582        | 3M™ Inhalation Valve 7582, Replacement Part 10 EA/Bag                  |
| 6583        | 3M™ Exhalation Valve 6583, 10 ea/Case                                  |
| FF-400-15   | 3M™ Lens Cover FF-400-15, 100 ea/Bag                                   |

| Part Number | Description                                                              |
|-------------|--------------------------------------------------------------------------|
| FF-400-17   | 3M™ Semi-Permanent Lens Protector FF-400-17, 20 EA/Case                  |
| FF-400-18   | 3M™ Stacked Lens Cover FF-400-18, 1 EA/Case                              |
| 6886        | 3M™ Tinted Lens Cover 6886, Accessory 25 EA/Bag                          |
| FF-800-06   | 3M™ Secure Click™ Quantitative Fit Test Adapter Kit FF-800-06, 1 ea/Case |
| 102         | 3M™ Universal Spectacle Kit 102, 1 ea/Case                               |

## Shelf Life

Shelf life: 5 years from production date when stored at storage conditions described on packaging.



### IMPORTANT

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.



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