Science. Applied to Life.™

Technical Data Sheet
Revision 2, October 2026

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.

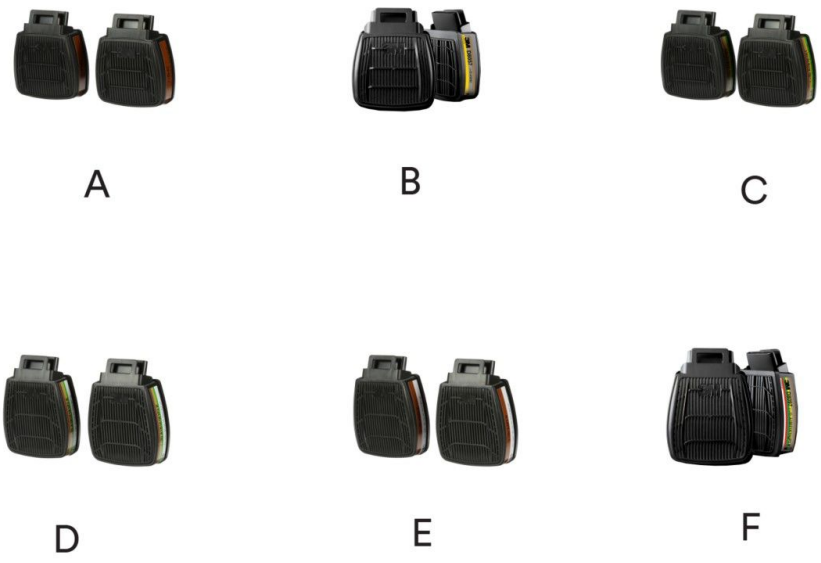
Combination of Gas & Vapour and Particulate Filters:

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

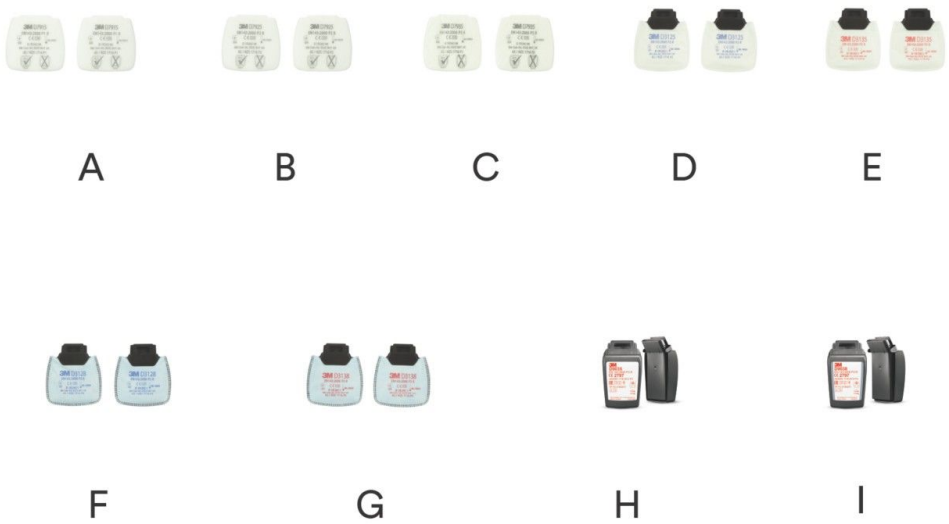


Filter	Image (see Figure: Gas and Vapour/ Combination Filter Options)	Standard	Class	Hazard
D8051	A	EN14387: 2004 +A1:2008	A1	Organic Vapours (b.pt. > 65°C)
D8055	A	EN14387: 2004 +A1:2008	A2	Organic Vapours (b.pt. > 65°C)
D8057	B	EN14387:2004 + A1:2008	ABE1 + formaldehyde	Combination organic vapours (B.pt.>65°C), inorganic and acid gases and formaldehyde

Filter	Image (see Figure: Gas and Vapour/ Combination Filter Options)	Standard	Class	Hazard
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.

**Must be used with D701 accessory.

Standards and Approvals

These products have been tested to the relevant European Standards:

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

Typical Properties

Note: Protection factors correct at time of printing. Refer to local regulation for current protection factors.

3M™ Reusable Full Face Masks FF-800 Series		Protection Level
P1 Particulate Filters	NPF	5
	APF* (UK)	4
	VGW** (Germany)	4
	FPO*** (Italy)	4

P2 Particulate Filters	NPF	16
	APF* (UK)	10
	VGW** (Germany)	15
	FPO*** (Italy)	15
P3 Particulate Filters	NPF	1000
	APF* (UK)	40
	VGW** (Germany)	400
	FPO*** (Italy)	400
Class 1 Gas and vapour Filters	NPF	2000 or 1000ppm (whichever is lower)
	APF* (UK)	20 or 1000ppm (whichever is lower)
	VGW** (Germany)	400 or 1000ppm (whichever is lower)
	FPO*** (Italy)	400 or 1000ppm (whichever is lower)
Class 2 Gas and vapour Filters	NPF	2000 or 5000ppm (whichever is lower)
	APF* (UK)	20 or 5000ppm (whichever is lower)
	VGW** (Germany)	400 or 5000ppm (whichever is lower)
	FPO*** (Italy)	400 or 5000ppm (whichever is lower)
Special/combination filter (GasXP3)	NPF	1000
	APF* (UK)	20
	VGW** (Germany)	400
	FPO*** (Italy)	400

*APF (UK)= UK Assigned Protection Factor (For information on APFs, see HSE document HSG53)

**VGW (Germany)= Protection Level according to DGUV-R 112-190

***FPO (Italy) = Protection Level according to UNI 11719

IMPORTANT

The Nominal Protection Factor (NPF) is a number determined by the relevant European Standards for a given class of respiratory protective device. This may not be the level of respiratory protection that can be realistically expected in the workplace by wearers.

Many countries apply their own Protection Factors. Please refer to EN 529 and National workplace protection guidance for application of these numbers in your workplace.

Employers may apply a value lower than the country's Protection Factor if deemed applicable. Please contact 3M for further information.

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 of the mask is recommended after each use. To clean the respirator, remove the filters and the 3M™ 105 Wipe can be used to wipe the face seal of the product. 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.

DO NOT use a washing machine, which allows the respirators to tumble while being washed. This could damage the respirator. For information regarding cleaning in an automated respirator washing machine, please contact 3M.

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

Part Number	Description
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
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.

Personal Safety Division
3M EMEA
3M Centre, Cain Road
Bracknell, UK. RG12 8HT
3M PSD products are occupational use only.

© 2026, 3M. All rights reserved.
3M and Secure Click are trademarks of 3M. All other trademarks are property of their respective owners.