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Technical Data Sheet

January 2026

3M™ Reusable Respirator Filters (Bayonet)

Product Description

3M™ Bayonet filters are designed to fit on all 3M™ reusable half and full face masks with 3M bayonet filter connections (except 6098 and 6099 which are full face only). There are 5 'families of filters' to choose from, depending upon your need.

Product Range

- 3M™ Reusable Respirator Particulate Filters 2000 Series
- 3M™ Reusable Respirator Particulate Filters 5000 Series
- 3M™ Reusable Respirator Particulate Filters 6000 Series
- 3M™ Reusable Respirator Particulate Gas and Vapour Filters 6000 Series
- 3M™ Reusable Respirator Particulate Gas, Vapour and Particulate Filters 6000 Series

Standards and Approvals

3M™ Reusable Respirator Particulate Filters 2000, 5000 and 6000 Series meet the requirements of the European standard EN 143:2021.

3M™ Reusable Respirator Gas and Vapour Filters 6000 Series and 3M™ Gas, Vapour and Particulate Filters 6000 Series meet the requirements of the European standard EN 14387:2004 + A1:2008.

The Certificates and Declarations of Conformity are available from the following website: www.3M.com/Respiratory/certs

Cleaning and Storage

The product MUST NOT be immersed in water/liquid during cleaning. The plastic components of the filters may be wiped with a 3M™ Face Seal Cleaner 105.

Use Limitations

Replace 3M™ Reusable Respirator Particulate Filters when it becomes difficult to breathe comfortably (this will vary from individual to individual) or the filter becomes dirty or physical damage occurs.

Replace 3M™ Reusable Gas and Vapour filters in accordance with your established change schedule, government regulation, or sooner if the contaminant can be detected inside the respirator by smell or taste.

Replace 3M™ Reusable Respirator Particulate Gas and Vapour Filters in accordance with your established change schedule or government regulation, or sooner if the contaminant can be detected inside the respirator by smell or taste.

3M™ Reusable Respirator Filters (Bayonet) can only be used with 3M Respirators fitted with a bayonet connection, e.g. 3M™ Reusable Respirator Half Masks 6000, 6500, and 7500 and 3M™ Full Face masks 6000.

Before use, check the expiration date. For other use limitations please refer to the User Information supplied with the products.

Materials

Composition

3M™ Reusable Respirator Particulate Filters 2000 Series	Polypropylene
3M™ Reusable Respirator Particulate Filters 5000 Series	Polypropylene
3M™ Reusable Respirator Particulate Filters 6000 Series	Filter paper Polystyrene Polyethylene ABS (6098 only) Carbon
3M™ Reusable Respirator Gas and Vapour Filters 6000 Series	Carbon sorbent Polyester Polypropylene
3M™ Reusable Respirator Gas, Vapour and Particulate Filters 6000 Series	Carbon sorbent Polyester Polypropylene Filter paper

3M™ Reusable Respirator Particulate Filters 2000 Series

Filter	Protection level	Protection against
2125	P2 R	Solid and liquid particles
2128	P2 R	Solid and liquid particles, ozone protection(10 x OEL), relief from nuisance levels acid gases and organic vapours at levels below the OEL
2135	P3 R	Solid and liquid particles
2138	P3 R	Solid and liquid particles, ozone protection(10 x OEL), relief from nuisance levels acid gases and organic vapours at levels below the OEL

*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.

3M™ Reusable Respirator Particulate Filters 5000 Series

Filter	Protection level	Protection against
5911	P1 R	Solid and liquid particles
5925	P2 R	Solid and liquid particles
5935	P3 R	Solid and liquid particles

3M™ Reusable Respirator Particulate Filters Accessories

A B C

Image	Filter	Description
A	501	Filter retainer
B	502	Filter retainer
C	603	Filter platform

3M™ Reusable Respirator Particulate Filters 6000 Series

Filter	Protection level	Protection against
6035	P3 R	Solid and liquid particles
6038	P3 R	Solid and liquid particles Hydrogen Fluoride up to 10 x OEL with half masks or 30ppm with full face, + relief from nuisance levels acid gases and organic vapours at levels below the OEL

3M™ Reusable Respirator Gas and Vapour Filters 6000 Series

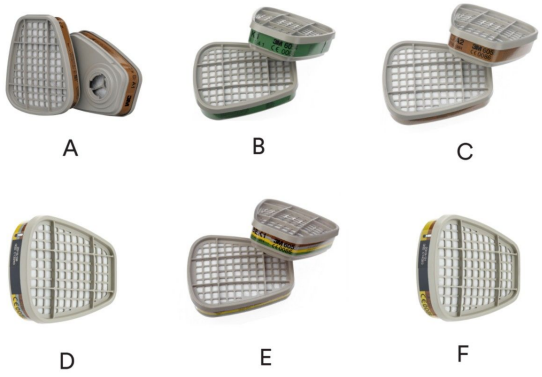

Image	Filter	Protection level	Protection against
A	6051	A1	Organic gases and vapours boiling point (bp) >65°C
B	6054	K1	Ammonia and derivatives
C	6055	A2	Organic vapours bp>65°C
D	6057	ABE1	Organic vapours bp>65°C, inorganic vapours and acid gases
E	6059	ABEK1	Organic vapours bp>65°C, inorganic vapours, acid gases ammonia and its derivatives
F	6075	A1+ formaldehyde	Organic vapours bp>65°C and formaldehyde

3M™ Reusable Respirator Gas, Vapour and Particulate Filters 6000

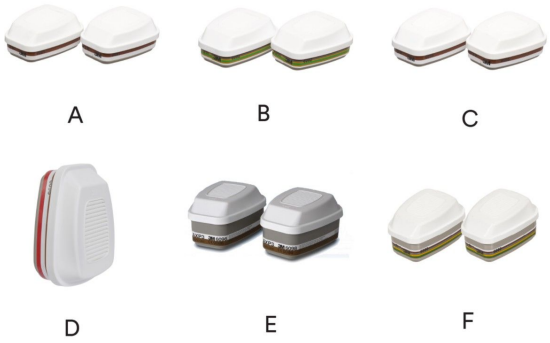

Image	Filter	Standard	Protection level	Protection against
A	6091	EN 14387: 2004 +A1:2008	A1P3 R	Organic vapours (bp >65°C) and particulates
B	6092	EN 14387: 2004 +A1:2008	ABEK1P3 R + formaldehyde	Combination organic vapours (bp >65°C), inorganic and acid gases, ammonia particulates and formaldehyde
C	6095	EN 14387: 2004 +A1:2008	A2P3 R	Organic vapours (bp >65°C) and particulates
D	6096	EN 14387: 2004 +A1:2008	A1E1HgP3 R	Organic vapours, acid gases (bp >65°C), mercury vapour, chlorine and particulates
E	6098*	EN 14387: 2004 +A1:2008	AXP3 R	Organic vapours (bp <65°C)
F	6099*	EN 14387: 2004 +A1:2008	A2B2E2K2HgP3 R + formaldehyde	Combination organic vapours (bp >65°C), inorganic and acid gases, ammonia, mercury particulates and formaldehyde

* For use with 3M™ full face masks only

Technical Properties

	Protection factor if used with a half mask	Protection factor if used with a Full Face mask
P1 Particulate Filters	Country specific Protection factor (NPF* 4; UK/I APF 4; Germany APF 4; Italy APF 4)	Country specific Protection factor (NPF* 5; UK/I APF 4; Germany APF 4; Italy APF 4)
P2 Particulate Filters	Country specific Protection factor (NPF 12; UK/I APF 10; Germany APF 10; Italy APF 10)	Country specific Protection factor (NPF 16; UK/I APF 10; Germany APF 15; Italy APF 15)
P3 Particulate Filters	Country specific Protection factor (NPF 48; UK/I APF 20; Germany APF 30; Italy APF 30)	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 50; UK/I APF 10; Germany APF 30; Italy APF 30) or 1000 ppm (whichever is lower)	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 50; UK/I APF 10; Germany APF 30; Italy APF 30) or 1000 ppm (whichever is lower)	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 (GasXP3)	Country specific Protection factor (NPF 48; UK/I APF 10; Germany APF 30; Italy APF 30)	Country specific Protection factor (NPF 1000; UK/I APF 20; Germany APF 400; Italy APF 400)

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Shelf Life

Shelf life: 5 years from production date when stored at storage conditions described on packaging, with the exception of 2128, 2138, and 6038 , where the shelf life is 3 years.

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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