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3M™ Reusable Respirator Filters (Bayonet)

Technical datasheet



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 6 '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
- 3M™ Reusable Respirator Organic Gas and Vapour Filters 6000i Series with 3M™ Service Life Indicator

Standards and approvals

3M™ Reusable Respirator Particulate Filters 2000, 5000 and 6000 Series meet the requirements of the European standard EN 143:2000 + A1:2006.

3M™ Reusable Respirator Gas and Vapour Filters 6000 Series, 3M™ Reusable Respirator Organic Gas and Vapour Filters 6000i Series with 3M™ Service Life Indicator 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. 3M bayonet masks only.

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, 7000 and 7500 and 3M™ Full Face masks 6000 and 7907S.

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

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™ Organic Gas and Vapour Filters with 3M™ Service Life Indicator 6000i Series	Carbon sorbent Polyester Polypropylene Polyester Adhesive Speciality polymer

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

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

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), nuisance level organic vapours/acid gas
2135		P3 R	Solid and liquid particles
2138		P3 R	Solid and liquid particles, ozone protection (10 x OEL), nuisance level organic vapours/acid gas

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 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 Particulate Filters Accessories

501		Filter retainer
502		Filter retainer
603		Filter platform

3M™ Reusable Respirator Gas and Vapour Filters 6000 Series

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

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

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

3M™ Reusable Respirator Organic Gas and Vapour Filters with 3M™ Service Life Indicator 6000i Series

Filter		Protection level	Protection against
6051i		A1	Organic gases and vapours bp>65°C
6055i		A2	Organic gases and vapours bp>65°C

* For use with 3M™ full face masks only.

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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