

3M™ Reusable Half Mask 6000 Series

Technical datasheet



Description

3M™ Reusable Half Mask, 6000 Series are simple to handle and comfortable to the wearer.

Key features

- Soft, lightweight elastomeric respirator ensures comfort during long periods of work
- 3 sizes (small - 6100, medium - 6200, large - 6300)

Standards and approvals

3M™ Reusable Half Mask, 6000 Series meet the performance requirements of the European Standard EN 140 for Half Masks. The Certificate and Declaration of Conformity are available from the following website: www.3M.com/Respiratory/certs

Use

When properly fitted and operated, the 6000 Series may be used:

With Gas and Vapour filters:

- 3M™ Gas, Vapour and Particulate Filters 6000 Series may be used in concentrations of gases or vapours (types specified by 3M) up to 50 times the Threshold Limit Value (TLV) or 1000ppm (5000ppm for 6055), whichever value is lower
- 3M™ Gas and Vapour Filter, A1 + formaldehyde, 6075 offers protection against organic vapour (as above) and 10ppm formaldehyde only
- 3M™ Gas, Vapour and Particulate Filters 6000 Series should not be used to protect the wearer against a gas or vapour that has poor warning properties (smell or taste)


With Particulate filters:

- 3M™ P1 R Particulate Filter 5911 may be used in concentrations of particulates up to 4 times TLV
- 3M™ Particulate Filters 2125, 2128 and 5925 may be used in concentrations of particulates up to 12 times TLV




- 3M™ Particulate Filters 2135, 2138, 5935, 6035 and 6038 may be used in concentrations of particulates up to 50 times TLV
- 3M™ Particulate Filters 2135 and 2138 may be used to protect against ozone up to 10 times TLV and offer relief from acid gases and organic vapours at levels below the TLV
- 3M™ Particulate Filter 6038 offers protection against 30ppm hydrogen fluoride and offers relief from acid gases and organic vapours at levels below the TLV


3M™ Particulate Filters, 6000 Series

Filter	Protection level	Protects against
 3M™ P3 Particulate Filters 6035	P3 R	Solid and liquid particles – in solid plastic case for rough application
3M™ P3 Particulate Filters 6038	P3 R	Solid and liquid particles – in solid plastic case for rough application, hydrogen fluoride up to 30 ppm and relief from nuisance level, organic vapour and acid gases below OEL


3M™ Particulate Filters, 5000 Series

Filter	Protection level	Protects against
 3M™ P1 R Particulate Filters 5911	P1 R	Solid and liquid particles
3M™ P2 R Particulate Filters 5925	P2 R	Solid and liquid particles
3M™ P3 R Particulate Filters 5935	P3 R	Solid and liquid particles


3M™ Particulate Filters, 2000 Series

Filter	Protection level	Protects against
 3M™ P2 R Particulate Filters 2125	P2 R	Solid and liquid particles
3M™ P2 R Particulate Filters 2128	P2 R	Solid and liquid particles, plus relief from ozone up to 10 x OEL), plus relief from nuisance level acid gas/organic vapour
3M™ P3 R Particulate Filters 2135	P3 R	Solid and liquid particles
3M™ P3 R Particulate Filters 2138	P3 R	Solid and liquid particles, plus relief from ozone up to 10 x OEL), plus relief from nuisance level acid gas/organic vapour

3M™ Gas, Vapour and Particulate Filters 6000 Series

Filter	Protection level	Protects against
 3M™ Gas, Vapour and Particulate Filter A1P3 R, 6091	A1P3 R	Organic gases and vapours (boiling point above 65°C) and particulates
3M™ Gas, Vapour and Particulate Filter A1B1E1K1P3 R + formaldehyde, 6092	A1B1E1K1 P3 R + Formaldehyde	Organic vapours (boiling point above 65°C) inorganic vapours, acid gases, ammonia and its derivatives, formaldehyde up to 10 ppm and particulates
3M™ Gas, Vapour and Particulate Filter A2P3 R, 6095	A2P3 R	Organic gases and vapours (boiling point above 65°C) and particulates
3M™ Gas, Vapour and Particulate Filter A1E1HgP3R, 6096	A1E1 HgP3R	Organic vapours (boiling point above 65°C), acid gases, mercury and particulates

3M™ Gas and Vapour Service Life Indicator Filters 6000i Series

Filter	Protection level	Protects against
 3M™ A1 Organic Vapour Filters with End of Service Life Indicator 6051i	A1	Organic vapours bp>65°C
3M™ A2 Organic Vapour Filters with End of Service Life Indicator 6055i	A2	Organic vapours bp>65°C

3M™ Gas and Vapour Filters 6000 Series

Filter	Protection level	Protects against
3M™ A1 Gas and Vapour Filters 6051	A1	Organic vapours bp>65°C
3M™ Gas and Vapour Filter, K1, 6054	K1	Ammonia and derivatives
3M™ A2 Gas and Vapour Filters 6055	A2	Organic vapours bp>65°C
3M™ ABE1 Gas and Vapour Filters 6057	ABE1	Organic vapours (boiling point above 65°C), inorganic vapours and acid gases
3M™ ABEK1 Gas and Vapour Filters 6059	ABEK1	Organic vapours (boiling point above 65°C), inorganic vapours, acid gases, ammonia and its derivatives
3M™ Formaldehyde + A1 Gas and Vapour Filters 6075	A1 + Form	Formaldehyde, organic vapours bp>65 °C



Sizes and weight

Approximate weight: 82 grams

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

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

Component	Material
Face seal	Thermoplastic elastomer
Exhalation valve cover	Polypropylene
Inhalation valve	Polypropylene
Exhalation valve	Polypropylene/Silicone rubber
Straps	Polyester fibre
Head cradle	Polypropylene
Gasket	Silicone rubber

Spare parts and accessories for 3M™ Reusable Half Mask 6000 Series	Component
6281	Head harness assembly
6893	Inhalation valve
6889	Exhalation valve
501	Retainer for 5000 Series filters
603	Particulate filter platform
105	Face seal wipe
S-200+	Supplied air respirator
6895	Inhalation gasket

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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www.3M.eu/safety

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