

# 3M™ Reusable Half Mask 7500 Series

## Technical Data Sheet



### Description

The 7500 Series Respirators by 3M have set a new standard in comfort. This facepiece was designed with the wearer in mind. Its soft sealing surface, along with the unique 3M™ Cool Flow™ Valve, enhances wearer comfort and face fit. Reduced breathing resistance helps to minimise heat build-up in the mask and increases your comfort.

Available in three sizes, all masks have the 3M™ Bayonet Attachment System offering a broad range of twin lightweight filters to protect against gases, vapours and particulates depending on your individual needs and can also be used with 3M™ Supplied-Air Systems.

### Key Features

- Dual-mode head harness adjusts easily for standard or drop-down mode.

### Approvals

These products have been tested to the relevant European standards:

- 7500 Series Half Masks to EN140:1998
- 6000 Series Gas and Vapour Filters to EN14387:2004 + A1:2008
- 2000 and 5000 Series and 6035, 6038 Particulate Filters to EN143: 2000 / A1:2006.

The 3M™ 7500 Series Respirators and 6000/5000/2000 Series Filters have been tested to meet the Basic Safety Requirements and are thus CE-marked. (Notified Body 0086).

### Use

When properly fitted and operated, the 7500 Series may be used:

#### With Gas & Vapour Filters:

- 6000 Series gas and vapour filters 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.
- 6075 Series offers protection against organic vapour (as above) and 10ppm formaldehyde only.

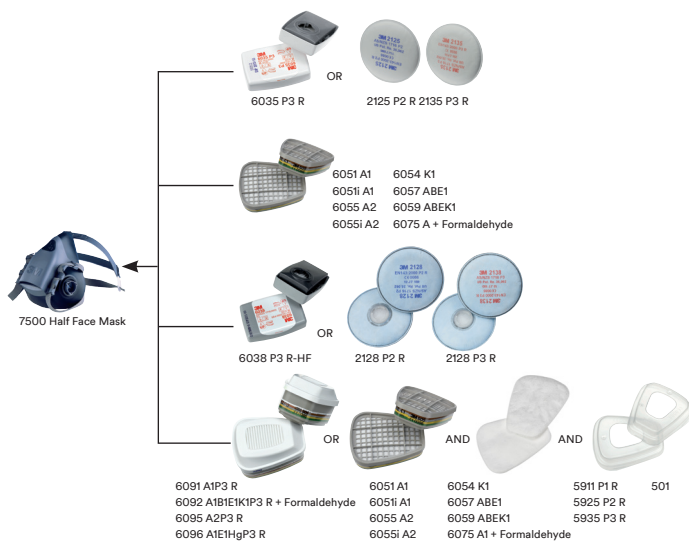


- 6000 Series gas and vapour filters should not be used to protect the wearer against a gas or vapour that has poor warning properties (smell or taste).

#### With Particulate Filters:

- 5911 filters may be used in concentrations of particulates up to four times TLV.
- 5925, 2125 or 2128 filters may be used in concentrations of particulates up to 12 times TLV.
- 5935, 2135, 2138, 6035 or 6038 filters may be used in concentrations of particulates up to 50 times TLV.
- 2128 and 2138 filters 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.
- 6038 offers protection against 30ppm hydrogen fluoride and offers relief from acid gases and organic vapours at levels below the TLV.

## Find a Combination That Works Best for You



## Sizes and Weight

Small (7501)

Medium (7502)

Large (7503)

Approximate Weight: 135 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	Silicone rubber
Filter holder	Polybutylene terephthalate
Exhalation valve cover	Polybutylene terephthalate
Inhalation valve	Silicone rubber
Exhalation valve	Silicone rubber
Straps	Polyester/polyurethane
Head cradle	Polyethylene

## 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

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[www.3M.eu/safety](http://www.3M.eu/safety)

Spare Parts & Accessories	Component
7580	Replacement strap
7581	Head harness assembly
7582	Inhalation valve
7583	Exhalation valve
7585F	Fabric head cradle
7586	Filter holder (includes valve)
501	Retainer for 5000 Series filters
603	Particulate filter platform
105	Face seal wipe
S-200+	Supplied air respirator