

3M™ Organic Vapour/Acid Gas Cartridge Filter 6057, A1B1E1

Technical Data Sheet



Description

3M™ Organic Vapour/Acid Gas Cartridge 6057 is one of the 3M™ 6000 series gas/vapour cartridges. These are used in combination with the 3M™ Half and Full Face respirators.

Features

- 3M high performance activated carbon for effective filtration
- 3M™ Bayonet Connection System ensures precise and secure locking
- Low profile and well balanced twin filter design
- Suitable for use with 3M™ Half Face Respirators 6000/6500QL/7500 Series and 3M™ Full Face Respirators 6000/FF-400 Series

Specifications

- Filter Rating: A1B1E1
- Provides protection against organic vapours (boiling point > 65°C) inorganic & acid gases
- Weight: 115 gm per pair of filters

Hazards/Tasks

- Working with solvents and/or acid gases such as toluene, chlorine, hydrogen chloride and sulfur dioxide.
- Degreasing, using paint thinners, acid cleaning, etching and electroplating, acid and fertiliser manufacturing.

Note: Gas/vapour cartridges do not filter particulates. If there is exposure to particulates, including mists, use a combination of filters for protection. For example: fit the 3M™ Particulate Filters 5925 (P2) and the 3M™ Filter Retainer 501 over the gas/vapour cartridge to provide combined protection against dusts, mists and fumes as well as the rated gas/vapour (refer to picture below).



Materials

The following materials are used in this product:

- Filter Body - Polystyrene
- Gas/Vapour Filter element - Activated Carbon

Standards

- Complies with AS/NZS 1716:2012 (Respiratory protective devices).
- Use in accordance with AS/NZS 1715 (Selection, use and maintenance of respiratory protective equipment).

Fitting Instructions

Only new, unused filters from their original packaging should be fitted to your facepiece. Ensure that both filters are of the same type and class.

- Align 6057 filter notch with facepiece 3M logo and push together.
- Turn filter 1/4 turn clockwise to stop.
Discard and replace both filters at the same time.
- To remove filter, turn 1/4 turn anticlockwise

Disposal

Dispose in accordance with local and national regulations appropriate to the contaminants captured.

Low boiling point organic compounds are capable of migrating through 3M 6057 filters when not in use.

Technical Specifications

When selected and used in accordance with the standard (AS/NZS 1715) and for the contaminants specified, this filter is capable of providing the following protection:

- With a 3M 6000/6500/7500 Series Half Face Respirator: for airborne concentrations up to 10 times the Workplace Exposure Standard (WES) or 1000 ppm, whichever is the lower and exposures less than the relevant IDLH (Immediately Dangerous to Life and Health) value.
- With a 3M 6000/FF-400 Series Full Face Respirator: for concentrations up to 50 x WES or 1000 ppm, whichever is the lower and exposures less than the relevant IDLH (Immediately Dangerous to Life and Health) value.