

3M™ 60926 A1B1E1K1FormHFP3 Filter

Technical Data Sheet

Description

The 3M 60926 filter is one of the 3M 6000 series of filters that are applicable for use in a range of gas/ vapour and particulate environments.

Features

- Lightweight - 135g (nominal).
- Low breathing resistance
- Bayonet fitting ensures precise & safer locking of filters
- A broad coverage filter for multi-gas and particle protection.
- Versatility: can be used on all 3M™ Half Masks & Full Face Masks - 6000, 6500, 7500 & FF-400 Series.

Application

The 3M 60926 filter can be used in industries and workplaces where excess levels of organic vapours, acid gases, some inorganic gases, ammonia and/or formaldehyde and particulates are present in the workplace atmosphere.

Performance

The 3M 60926 filter has been tested and meets the performance requirements of AS/NZS 1716. The 60926 filter is classified as an A1B1E1K1Form1HFP3 gas & vapour and particulate combination filter, and is thus able to be used for protection from organic vapours, acid gases, ammonia and/or formaldehyde as well as dusts, mists and fumes. It is rated for use against these gas/vapours at levels up to 10 times the Exposure Standard on a half facemask and up to 50 times the Exposure Standard on a full facemask or up to a maximum concentration of 1000ppm. For particles, this filter gives a protection factor of 10 in a half facemask and 100 in a full facemask. Do not use in a IDLH environment.

NOTE: On any half facemask, a P3 filter is classified as equivalent to a P2 filter.



Compatibility

This filter can be used on the following 3M respirators:

- 6000 series half face respirators (6100 small, 6200 medium and 6300 large).
- 6500 series half face respirators (6501QL small, 6502QL medium and 6503QL large).
- 7500 series half face respirators (7501 small, 7502 medium, 7503 large).
- 6000 series full face respirators (6700 small, 6800 medium, 6900 large).
- FF-400 series full face respirators (FF-401 Small, FF-402 Medium, FF-403 Large) using the 701 adaptor.

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.

- A. Align 60926 filter notch with facepiece 3M logo and push together.
- B. Turn filter 1/4 turn clockwise to stop. Discard and replace both filters at the same time.
- C. To remove filter, turn 1/4 turn anticlockwise

Standards

- Meets AS/NZS 1716:2012 performance criteria
- Use in accordance with AS/NZS 1715

Disposal

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

Hazards/Tasks

For protection when working with a variety of chemicals such as organic vapours (boiling point > 65°C), chlorine, hydrogen chloride, sulphur dioxide, hydrogen fluoride, hydrogen sulphide, ammonia, methylamine and formaldehyde.

Warning and Limitations

Particular attention should be given to warning statements where indicated. Proper selection, fit, training, use and appropriate maintenance are essential in order for the product to help protect the wearer from certain airborne contaminants.

Failure to follow all instructions on the use of these respiratory protection products and/or failure to properly wear the complete product during all periods of exposure may adversely affect the wearer's health, lead to severe or life threatening illness or permanent disability.

Always be sure that the complete product is:

- Suitable for the application;
- Fit tested and fitted correctly;
- Worn during all periods of exposure;
- Replaced when necessary.

For suitability and proper use follow local regulations, refer to all information supplied or contact an occupational hygienist, safety professional or 3M representative on the Tech Assist Helpline - Australia 1800 024 464 or New Zealand 0800 364 357.

Use this respirator system strictly in accordance with all User Instructions:

- Do not submerge the filters in liquid.
- Do not use in atmospheres containing less than 19.5% oxygen. (3M definition. Individual countries may apply their own limits on oxygen deficiency. Seek advice if in doubt).
- Do not use these products in pure oxygen or oxygen enriched atmospheres.
- Do not use for respiratory protection against atmospheric contaminants and concentrations which have poor warning properties or are unknown or immediately dangerous to life and health (IDLH) or against contaminants/concentrations which generate high heats of reaction with chemical filters.

- Do not use in airborne concentrations above those specified in **Technical Specifications**.

Leave the contaminated area immediately if:

- Any part of the system becomes damaged.
- Airflow to the face piece decreases or stops.
- Breathing becomes difficult or increased breathing resistance occurs.
- Dizziness or other distress occurs.
- You smell or taste contaminants or irritation occurs.

Never alter, modify or repair this device.

These products do not contain components made from natural rubber latex.

NOTE: Save all user instructions for continuing reference.

Shelf Life, Storage and Transportation

Shelf life of the unopened product is five (5) years from date of manufacture when stored in temperature range -20°C to +25°C and at less than 80% relative humidity. Average storage conditions may exceed 25°C/80%RH for limited periods. They can reach 38°C/85%RH provided this is for no more than 3 months of the shelf life of the product.

End of shelf life date is marked on the product packaging. Before initial use, always check that the product is within the stated shelf life. When storing or transporting this product use original packaging provided.

Storing the filters in an airtight container will help prolong the service life by reducing exposure to moisture and contaminants.

As per AS/NZS1715:2009 Section 4.2.5.3, "All classes of gas filter shall be discarded no longer than six months after opening, irrespective of the number of periods of use".

Additional Information

3M™ Organic Vapour Monitor 3500+ and 3501+

3M™ Monitors are simple and effective personal sampling badges. The monitor captures a wide range of airborne organic vapours, enabling a laboratory to analyse and identify the type and level of exposure to the worker.

The 3M™ Organic Vapor Monitors 3501+ higher sampling rate badge is for low concentrations or short term exposure limit (STEL) sampling. It is designed to measure time weighted-average (TWA) or short term exposure limit (STEL) exposure to volatile organic chemicals to demonstrate compliance with Occupational Exposure Limits (OELs).



3M™ Formaldehyde Monitor 3721+

This monitor is designed for measuring exposures to formaldehyde such as those in the chemical, pulp and paper, foundry and textiles industry. This monitor uses an impregnated filter to convert formaldehyde to a stable bisulfite addition product.



The airborne concentrations measured can be used as part of a risk management process to institute suitable controls, including assisting in determination of the type and service life of respiratory equipment appropriate to the contaminants (according to AS/NZS1715).

For more information, please contact 3M and request a copy of the 3M™ Organic Vapour Monitor 3500+, 3501+ and 3721+ Tech Data Sheet

3M™ Select & Service Life Software

3M have designed software to help you estimate how frequently certain 3M™ Gas and Vapour Cartridges should be replaced. You can then use this information to establish a cartridge change schedule. You will firstly need information on the chemical contaminants in your working environment

The exposure monitoring data may be entered into the 3M Service Life software at www.3M.com/sls to estimate the service life of 3M gas/vapor cartridges.

For more information contact your 3M representative or call the 3M TechAssist Helpline:

3M Australia: 1800 024 464

3M New Zealand: 0800 364 357

Ordering Information

3M Code	Model #	Description
70070709483	60926	Multi Gas & Particulate Filter

Important Notice

To the extent permitted by law, 3M shall not be liable for any loss or damage including any loss of business, loss of profits, or for any indirect, special, incidental or consequential loss or damage arising from reliance upon any information herein provided by 3M. Nothing in this statement will be deemed to exclude or restrict 3M's liability for death or personal injury arising from its negligence.



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