

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. These are used in combination with 3M™ Half and Full Face bayonet respirators.

Features

- Weight - 295 gm per pair of filters (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 Face Respirators 6000/6500QL/7500 Series and Full Face Respirators 6000/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 facepiece and up to 50 times the Exposure Standard on a full facepiece or up to a maximum concentration of 1000ppm. For particles, this filter gives a protection factor of 10 in a half facepiece and 100 in a full facemask. Do not use in a IDLH environment.

NOTE: On any half facepiece, 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 facepiece respirators (6100 small, 6200 medium and 6300 large).
- 6500 series half facepiece respirators (6501QL small, 6502QL medium and 6503QL large).
- 7500 series half facepiece respirators (7501 small, 7502 medium, 7503 large).
- 6000 series full facepiece respirators (6700 small, 6800 medium, 6900 large).
- FF-400 series full facepiece respirators (FF-401 Small, FF-402 Medium, FF-403 Large).

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 60926 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.



6000 Half Face



6500QL



7500



6000 Full Face



FF-400

Standards

- Meets AS/NZS 1716:2012 performance criteria
- Use in accordance with AS/NZS 1715:2009

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 Customer Services - Australia 1300 363 565 - New Zealand 0800 252 627.

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 -10°C to +50°C and at less than 90% relative humidity.

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 trans-orting this product use original packaging provided.

Storing the filters in an airtight container, will reduce exposure to the work environment and help prolong the life of the equipment.

As per AS/NZS 1715:2009 Section 4.2.5.3, "All classes of gas filter shall be discarded no longer than six months afteropening, 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/vapour cartridges.

For more information contact your 3M representative.

Ordering Information

SAP ID	Legacy ID	Availability		Model #	Description
		AUS	NZ		
7000002041	70070709483	•		60926	3M™ Multi Gas/Vapour Cartridge/Filter 60926, A1B1E1K1Form P100/P3 60 EA/Case. Multi Gas Organic Vapour (>65 degrees celsius boiling point), Acid Gases, Ammonia, formaldehyde and hydrogen fluoride cartridge and particulate.

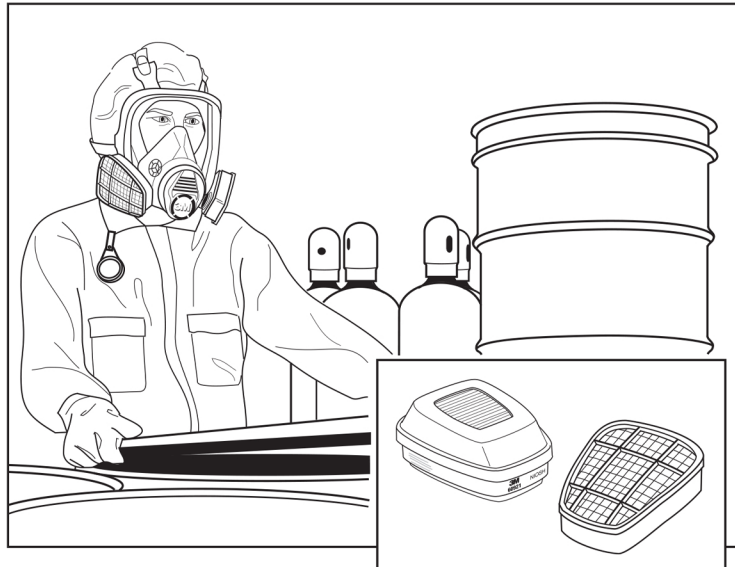
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Technical Statement

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Product Selection and Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards. Failure to properly evaluate, select, and use a 3M product in accordance with all applicable instructions and with appropriate safety equipment, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.



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