Science.
Applied to Life.™

# 3M™Multi-Gas Respirator Kit 6251, A1P2

Technical Data Sheet

## Description

A convenient respiratory kit designed for certain painting* and spraying environments.

The kit comes complete with the 3M™ Half Face Reusable 6000 Series Respirator for comfort and durability. It has an Exhalation Valve which reduces breathing resistance and minimizes heat build-up.

## Specifications

- Filter Rating: A1P2
- Provides protection against organic vapours with boiling point >65°C and particulates.
- Weight: 6051 = 108gm per filter (nominal)
  6051/5925/501 = 123g (nominal)



## Kit Contains

- 1 × 3M™ Half Face Respirator 6000 Series (available S, M & L sizes)
- 1 x pair of 3M™ Organic Vapour Filters 6051 A1
- 1 x pair of 3M™ Particulate Filters 5925, P2
- 1 x pair of 3M™ Filter Retainers, 501
- 1 × 3M™ Respiratory Protection Guide
- All in a handy storage container

## Applications

- Paint* (solvent or water) spraying
- Pesticide spraying
- Chemical handling of organic vapours e.g. from thinners and adhesives
- Fibre glassing
- Printing
- Furniture manufacturing
- Possible to convert respirator to dual air supplied respirator system

**NOTE:** Gas/vapour cartridges do not filter particulates. If there is exposure to particulates 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).




## Standards

- Complies with AS/NZS 1716:2012 (Respiratory protective devices).
- Use in accordance with AS/NZS 1715:2009 (Selection, use and maintenance of respiratory protective equipment).

## Technical Specifications

When selected and used in accordance with the standard (AS/NZS 1715:2009) and for the contaminants specified, the Respirator Kit is capable of providing the following protection with a 3M Half Face Respirator 6000 Series:

- 3M™ Organic Vapour Filters 6051 A1, for concentrations of organic vapours with boiling points >65°C up to 10 x WES or 1000 ppm, whichever is lower.
- 3M™ Particulate Filters 5925, P2 for particles, for airborne concentrations up to 10 x WES.

* Not to be used when spraying isocyanate based paints

## 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 Service - Australia 1300 363 565 or 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

**1) 3M™ Organic Vapour Filters 6051 A1**

Keep stored in the packaging provided in clean, dry conditions away from direct sunlight, sources of high temperature, petrol and solvent vapours. Do not store outside the temperature range -10°C to +50°C or with humidity above 90%. When stored as stated, the expected shelf life is 5 years from date of manufacture.

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 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 after opening, irrespective of the number of periods of use".

**2) 3M™ Particulate Filters 5925, P2**

The filters should be stored in the packaging provided in dry, clean conditions away from direct sunlight, sources of high temperature.

Do not store outside the temperature range -20°C to +25°C or with humidity above 80%. When stored as stated, the expected shelf life is 5 years from date of manufacture.

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.

**3) 3M™ Half Face Respirator 6000 Series**

Keep stored in the packaging provided in clean, dry conditions away from direct sunlight, sources of high temperature, petrol and solvent vapours. Do not store outside the temperature range -10°C to +50°C or with humidity above 90%. When stored as stated, end of shelf life (use-by) date of the product is shown on the 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.

## Additional Information

### 3M™ Organic Vapour Monitor 3500+ and 3501+




3M™ Organic Vapour 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 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 contaminant exposure level (according to AS/NZS 1715 2009).

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

**For more information contact your 3M representative.**

QR-CAT-SLS

For assistance in determining 3M Bayonet gas/vapour cartridge breakthrough and filter change schedules for certain gas/vapour contaminants visit the free **3M Select and Service Life (SLS) Software** | www.3m.com/sls

## Ordering Information

| | | Availability | | | |
|---|---|---|---|---|---|
| **SAP ID** | **Legacy ID** | **AUS** | **NZ** | **Model #** | **Description** |
| 7012876282 (AUS)<br>7012890678 (NZ) | AT010782442 (AUS)<br>NT019447951 (NZ) | • | • | 6251 | 3M™ Spraying Respirator Kit 6251, A1P2, Small, 2 Kits/Case |
| 7012877767 (AUS)<br>7012887903 (NZ) | AT010783671 (AUS)<br>NT019447969 (NZ) | • | • | 6251 | 3M™ Spraying Respirator Kit 6251, A1P2, Medium, 2 Kits/Case |
| 7012871341 (AUS)<br>7012887555 (NZ) | AT010782434 (AUS)<br>NT019447977 (NZ) | • | • | 6251 | 3M™ Spraying Respirator Kit 6251, A1P2, Large, 2 Kits/Case |

## 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.

**SCAN OR CLICK FOR:**

QR-CAT-RR

**Reusable Respirator Catalogue Section**

QR-CAT-FULL

**Full Personal Safety Division Catalogue**

## Technical Statement

**Technical Information:** The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

**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.

**3M Australia Pty Ltd**
**Personal Safety Division**
Bldg A, 1 Rivett Road
North Ryde NSW 2113
Customer Service: 1300 363 565
Email: 3msupport.safety.au@mmm.com
Web: www.3M.com/au/ppesafety

**3M New Zealand Ltd**
**Personal Safety Division**
94 Apollo Drive, Rosedale
Auckland 0632
Customer Service: 0800 252 627
Email: 3msupport.safety.nz@mmm.com
Web: www.3M.com/nz/ppesafety

3M™ and Cool Flow™ are trademarks of 3M Company.
© 3M 2025. All rights reserved.