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3M™ Spraying Respirator Kit 7551, 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 7500 Series Respirator for comfort and durability. The 3M™ Cool Flow™Exhalation Valve 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 7500 Series (available S, M & L sizes)
- 1 x pair of 3M™ Organic Vapour Filters 6051 A1
- 2 x pairs 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 and 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) and for the contaminants specified, the Respirator Kit is capable of providing the following protection with a 3M Half Face Respirator 7500 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/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".

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 7500 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**
7012874773 (AUS) 7012886950(NZ)	AT010623372 (AUS) NT019446581 (NZ)	•	•	7551	3M™ Spraying Respirator Kit 7551, A1P2, Small, 2 Kits/Case
7012887713 (AUS) 7012867515(NZ)	AT010623380 (AUS) NT019446573 (NZ)	•	•	7551	3M™ Spraying Respirator Kit 7551, A1P2, Medium, 2 Kits/Case
7012888953 (AUS) 7012882652 (NZ)	AT010623398 (AUS) NT019446565 (NZ)	•	•	7551	3M™ Spraying Respirator Kit 7551, A1P2, Large, 2 Kits/Case

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SCAN OR CLICK FOR:

QR-CAT-RR

Reusable Respirator Catalogue Section

QR-CAT-FULL

Full Personal Safety Division Catalogue

Technical Statement

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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

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