Technical data sheet

Product:	6055
Manufacturer:	3M DEUTSCHLAND GMBH
Product group:	ARBEITSSCHUTZ
Article group:	MASKEN
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3M™ ORGANIC VAPOUR FILTER 6055

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Tewipack Uhl GmbH
Industriestraße 15
D-75382 Althengstett

Telephone:
+49(0)7051/9297-0
Fax:
+49(0)7051/9297-99

E-Mail:
info@tewipack.de
Website:
www.tewipack.de

Managing director:
Alexander Uhl,
Michael Uhl
HRB 330424
Amtsgericht
Stuttgart

Bank details:
Sparkasse
Pforzheim
Calw
BLZ 666 500
85
Konto 17 787

Commerzbank
Sindelfingen
BLZ 603 400 71
Konto 8 001 166

Vereinigte
Volksbank AG
Böblingen
BLZ 603 900 00
Konto 80 089
003

Postbank
Stuttgart
BLZ 600 100
70
Konto 146
294 708

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3M™ Organic Vapour Cartridge Filter 6055 A2

Technical Data Sheet

Description

3M™ Organic Vapour Filter 6055 is one of the 3M™ 6000 series gas/vapour cartridges. These are used in combination with 3M™ Half and Full Face bayonet filter 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: A2
- Provides protection against organic vapours with boiling point >65°C
- Weight: 215g per pair of filters

Hazards/Tasks

- For protection when exposed to higher concentrations where class 2 protection is required
- Cleaning with or using organic solvents e.g. toluene, xylene and Methyl Ethyl Ketone (MEK)
- Painting (roller or brush)
- For paint* and pesticide spraying, a particulate filter must also be used to capture mist droplets. Refer note below
- Also for degreasing, mixing, using paint thinners, lacquers and glues

Note: Gas/vapour cartridges do not filter particulates. If there is exposure to particulates as well, consider 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 1715:2009 (Selection, useand 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.

A. Align 6055 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.

Compatible facepieces

* Not to be used when spraying isocyanate based paints

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 6055 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 of organic vapours with boiling points >65ºC up to 10 times the Workplace Exposure Standard (WES) 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 of organic vapours with boiling points >65ºC up to 100 x WES or 5000 ppm whichever is the lower and exposures less than the relevant IDLH (Immediately Dangerous to Life and Health) value.

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 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".

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).

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+ 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.

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.

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

SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7000034749	GT500084048	•	•	6055	3M™ Organic Vapour Cartridge Filter 6055, A2, 4 Packs/Box, 8 Boxes/Carton, 32 Packs/Case. For Organic Vapours with >65 degrees celsius boiling point

Important Notice

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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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