

# 3M™ Welding / Particulate Respirator Kit 6528QL, GP2

## Technical Data Sheet

### Description

The kit is designed to offer respiratory protection in a convenient and easy way – an ideal solution to get you started.

The kit comes complete with the 3M™ Half Face Reusable 6500QL Medium Respirator for comfort and durability. It features 3M™ Cool Flow™ Exhalation Valve that reduces breathing resistance and minimizes heat build-up. The Quick Latch drop down mechanism provides ease in donning and doffing the face piece.

### Specifications

- Filter Rating: GP2
- Provides protection against particulates, Ozone and Nuisance Level\* Acid Gas and Organic Vapours with low vapour pressure.



### Kit Contains

- 1 x 3M™ Half Face Respirator 6500QL Series (available S, M & L sizes)
- 2 x pairs of 3M™ Particle & Metal Fume Filter 2128, GP2
- 2 x 3M™ Respirator Cleaning Wipes 504
- 1 x 3M™ Respiratory Protection Guide
- All in a handy storage container

### Applications

- Welding – Fume/ozone
- Soldering/Brazing - Fume
- Grinding/Polishing – Metal dust and particles
- Drilling – Metal particles
- Metal pouring - Fume
- Machining – Oil mist

### 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 6500QL Series:

- 3M™ Particulate Filter 2128 GP2, for toxic particulates, Ozone and Nuisance Level\* Acid Gas and Organic Vapours with Low Vapour pressure

### 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.

\*Nuisance Levels are those levels below the Workplace Exposure Standard (WES)

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 Customer Service Helpline - Australia 1800 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:
  - o Any part of the system becomes damaged.
  - o Airflow to the face piece decreases or stops.
  - o Breathing becomes difficult or increased breathing resistance occurs.
  - o Dizziness or other distress occurs.
  - o 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™ Particulate Filter 2128 GP2

The filters should be stored in the packaging provided in dry, clean 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 3 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.

### 2) 3M™ Half Face Respirator 6500QL 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.

[www.3m.com/sls](http://www.3m.com/sls)

**For more information contact your 3M representative or Customer Service:**

**3M Australia:** 1800 363 565

**3M New Zealand:** 0800 252 627

## Ordering Information

3M Code	Model#	Description
AT010623406 (AU) NT019446615 (NZ)	6528QL	Welding/Particulate Respirator Kit Small
AT010623414 (AU) NT019446607 (NZ)	6528QL	Welding/Particulate Respirator Kit Medium
AT010623422 (AU) NT019446599 (NZ)	6528QL	Welding/Particulate Respirator Kit Large

## Important Notice

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