

## Our Value Offering



# 3M Reusable Respirators

PRODUCT CATALOGUE



### More than just great products

3M's Respiratory Protection, Hearing Protection, Eye Protection, and Spill Control products are supported by a variety of industry leading services to make sure the right products are selected and used to their greatest advantage.

### Specialist Field Force

3M has Technical Specialists who understand the product range and it's application. 3M can arrange for site surveys, product training, fit charts, and even arrange for fit testing.

### TechAssist Helpline 0800 3M HELP

TechAssist is the ideal point of contact for your respiratory, hearing, eye protection, and spill control questions. Supported by trained staff, TechAssist is an immediate link into the worldwide resources of 3M.

### Wide Distributor Network

3M distributes it's Respiratory Protection, Hearing Protection, Eye Protection, and Spill Control range through a distribution network which covers all major areas of New Zealand. Please contact 3M to find your nearest 3M Authorised Distributor.

### How to contact us

**Please contact 3M through the following:**

3M New Zealand Ltd	Phone 09 444 4760
3M New Zealand Ltd Customer Service	Phone 0800 252 627 Fax 0800 355 181
3M TechAssist Helpline	Phone 0800 364 357 (0800 3M HELP)
World Wide Web	<a href="http://www.3m.com/occsafety">www.3m.com/occsafety</a>

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E06 05/05



Helping to protect your way of life

Helping to protect your way of life



# Reusable Respirators

The 3M range of Half and Full Face Reusable Respirators and Filters offer top value and top quality.

3M™ Reusable Respirators let you change your filters to protect against particulates, gases and vapours, while using the same respirator time after time. This is made possible by the unique 3M™ Bayonet Filter Fixing System which allows filters to just be clicked into place.

3M's wide range of Respirators means there's one to suit almost every individual.

The lightweight 3M™ Half and Full Face Respirator 6000 Series offer safety, comfort and ease of use, while the 3M™ Half Face Respirator 7500 Series sets the standard in wearer comfort along with outstanding durability, quality and ease of use.

All 3M Reusable Respirators and Filters have been tested and meet the relevant Australian/New Zealand Standard AS/NZS1716



# Selecting Reusable Respirators & Filters

SELECTION GUIDE		3M™ HALF & FULL FACE RESPIRATORS		3M™ CARTRIDGE FILTERS			3M™ PARTICULATE FILTERS		ACCESSORIES	
3M SPECIALIST SELECTION										
INDUSTRY/APPLICATION	HAZARD	7500	6800	6001	6003	6004	2071	2097	5N11	501
Welding, metal cutting, metal pouring, welding, soldering, brazing	Metal fumes	✓					✓			
TIG & MIG welding	Metal fumes, ozone gas, nuisance levels of organic vapours	✓						✓		
Spraying low vapour pressure pesticide, herbicide, or fungicide	Organic vapour, mist, dust	✓						✓		
Mixing pesticide, herbicide, or fungicide or spraying organic vapours	Organic vapour, mist, dust	✓		✓					✓	✓
Chemical handling	Sulphuric Acid (H <sub>2</sub> SO <sub>4</sub> )		✓				✓			
Cylinder/Gas Injection	Sulphur dioxide (SO <sub>2</sub> )		✓		✓					
Cylinder/Gas Injection	Ammonia (NH <sub>3</sub> )		✓			✓				
Cleaning or using organic solvents, degreasing, paint thinners and glues	Organic vapour	✓		✓						
Fibre glass - laying up	Epoxy and polyester resin, amine & anhydride hardner, Methy Ethyl Ketone Peroxide (MEKP), styrene vapour	✓		✓					✓	✓
Fibre glass - using a chopper gun	Glass fibre, dust, resin, and styrene vapour	✓		✓					✓	✓
Fibre glass - spray painting & Cleaning moulds	Organic vapour and mist	✓		✓					✓	✓
Floor sanding - gluing	Dust and organic vapour	✓		✓					✓	✓
Painting with a brush or roller	Organic vapour	✓		✓						
Spray painting (excludes isocyanates)	Organic vapour and mist	✓		✓					✓	✓
Wood treatment	Resins, organic vapour, adhesive	✓		✓						

## How do Gas and Vapour Filters work?

These filters rely on sorbent material to "soak up" the gas and vapour molecules.

Typically the sorbent is carbon grain which has been specially treated. Depending on the chemical treatment of the carbon surface, this material will absorb different types of gases or vapours.

AS/NZS1716 uses a classification system to identify the different types of contaminants these treated carbon grains will capture e.g:

A	Organic Vapours (boiling point > 65°C)
B	Inorganic Gases
E	Acid Gases
K	Ammonia
Hg	Mercury
G	Organic Compounds with low vapour pressures



## How long do Gas and Vapour filters last?

Gas and Vapour Filters are rated according to their absorbent capacity.

In increasing capacity, the ratings are: Class Aus, Class1, 2 or 3. This means we can have an A1 or a B2 or a multi-gas type filter, like an A1B1E1K1.

The service life (i.e. how long will it last) of any Gas and Vapour Filter is affected by many factors - some being: concentration and identity of contaminants, breathing rates, humidity levels, ventilation, temperature, type of carbon exposure time etc.

Please contact your 3M OH&ES Representative for assistance with this process.



## What guidance do we have in selecting the correct respirator and filters?

The Australian/New Zealand Standard AS/NZS1715 provides guidance in the selection, use and maintenance of respiratory protective devices.

There is also guidance available in the 3M Respirator Selection Handbook (available from your 3M OH&ES representative), the following Selection Guide, or directly from the 3M TechAssist Helpline on **0800 364 357 (0800 3M HELP)**, or website:

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



# 3M™ Reusable Half Face Respirators

## Setting the standard in comfort and versatility

These Half Face Respirators are designed for comfort, convenience and durability.

The 3M™ Half Face Respirator 7500 & 6000 series incorporate the 3M™ Bayonet Filter Fixing System, enabling a wide range of 3M™ Filters to simply click into place.

These versatile systems are suitable for many situations, providing filtering protection against particulates and a wide variety of gases and vapours.

A selection of accessories and replacement parts are available call TechAssist for help 0800 364 357 (0800 3M HELP).



# 3M™ Reusable Full Face Respirators

## High performance Full Face respiratory protection

These Full Face Respirators are designed for comfort, convenience and durability.

The 3M™ Full Face Respirators incorporate the 3M™ Bayonet Filter Fixing System, enabling a wide range of 3M™ Filters to simply click into place.

These versatile systems are suitable for many situations, providing filtering protection against particulates and a wide variety of gases and vapour.

A selection of accessories and replacement parts are available call TechAssist for help 0800 364 357 (0800 3M HELP).



### 3M™ Premium Half Face Respirator \* 7500 Series

Improved levels of wearer comfort with fully replaceable parts for maximum durability, versatility and quality.

- Soft silicone material for extra comfort
- Patented 3M™ Cool Flow™ Exhalation Valve provides easier breathing while reducing heat and moisture build-up
- Shielded exhalation valve system to protect valve from heat and dust

Product Code	3M Order Code	Size
7501	70071042777	Small
7502	70071042785	Medium
7503	70071042793	Large



### 3M™ Reusable Full Face Respirator \* 6000 Series

Improved levels of wearer comfort with fully replaceable parts for maximum durability and quality.

- New Design with unique centre adaptor
- Patented 3M™ Cool Flow™ Exhalation Valve provides easier breathing while reducing heat and moisture build up
- Extremely lightweight
- Wide field of vision
- Polycarbonate high impact visor
- Speech transmission zone
- 4 strap head harness

Product Code	3M Order Code	Size
6700	70070709046	Small
6800	70070709053	Medium
6900	70070709186	Large



### 3M™ Standard Half Face Respirator \* 6000 Series

Reusable, economical protection. Designed for simplicity, low maintenance and comfort.

- Soft, lightweight elastomeric face piece
- Cradle head harness and easy to fasten neck strap

Product Code	3M Order Code	Size
6100	70070315539	Small
6200	70070315547	Medium
6300	70070315554	Large



### 3M™ DIN Thread Full Face Respirator \* 6000 Series

Designed for lightweight, low maintenance, high durability and comfort for the wearer. Used in conjunction with a range of 3M DIN threaded filter canisters.

- Extremely lightweight
- Wide field of vision
- Polycarbonate high impact visor
- Speech transmission zone
- 4 strap head harness
- Can be converted to 6000 series twin cartridge full face respirator

Product Code	3M Order Code	Size
6700DIN	70070889806	Small
6800DIN	70070889814	Medium
6900DIN	70070889822	Large



### 3M™ Drop Down Half Face Respirator \* 6000 Series

Ideal for workers who wear a hardhat and need to frequently remove the respirator without removing the hardhat.

- Soft, lightweight elastomeric face piece
- Shielded exhalation valve to protect the valve from heat and dust

Product Code	3M Order Code	Size
6200DD	70070845501	Medium
6300DD	70070845519	Large



### 3M™ Standard Full Face Respirator \* 7800 Series

Uniquely designed with a durable, double silicone face seal. Lightweight, fully maintainable, durable, providing maximum comfort.

- Soft double face seal
- Polycarbonate visor
- Speech transmission diaphragm
- 6 strap head harness
- Can be converted to 6000 series full face respirator with twin cartridge capacity

Product Code	3M Order Code	Size
7800S (M)	70070710267	Medium
7800S (L)	70070710275	Large



\* NOTE: Filters are not included with the above Half Face Respirators

\* NOTE: Filters are not included with the above Full Face Respirators

# 3M™ Cartridge Filters

The 3M™ Cartridge Filters 6000 Series attach to 3M™ Half and Full Face Respirators to provide gas and vapour protection.

- Lightweight
- Well balanced when fitted to a mask
- Provides excellent field of vision as a result of the unique trapezoidal shape
- 3M™ Bayonet Fixing System ensures precise and secure locking



# 3M™ Particulate Filters

The 3M™ Particulate Disc Filters 2000 series and the 3M™ Particle Filters 5000 Series and Retainers attach to the 3M™ Half and Full Face Respirators to provide particulate protection.

- Lightweight
- Low breathing resistance: uses both sides of the filter
- Excellent field of vision
- 3M™ Bayonet Fixing System ensures precise and secure locking



## 3M™ Gas & Vapour Filters 6000 Series

For use with 3M™ Half and Full Face Respirators which utilise 3M™ Bayonet Fixing System.

Product Code	3M Order Code	Description	Packaging	When You Are	
6001	70070316776	Organic Vapours (boiling point > 65°C) (A1)	1 pair/pack 30 pairs/case	Handling organic solvents. Cleaning with or using organic solvents, thinners, lacquers, enamels. Painting. Using certain organic chemicals. Degreasing, Gluing, mixing, compounding or printing.	
6002	70070316768	Acid Gas (BAUS E1), chlorine, hydrogen chloride, sulphur dioxide	1 pair/pack 30 pairs/case	Working with acid gases. Chlorine, hydrogen chloride, sulphur dioxide, chlorine dioxide.	
6003	70070316750	Organic Vapours, (boiling point > 65°C) Inorganic & Acid Gases (A1BAUS E1)	1 pair/pack 30 pairs/case	Working with organic compounds and/or acid gases. Electroplating, etching, acid cleaning, acid and fertiliser manufacture.	
6004	70070316743	Ammonia and Methylamine (K1)	1 pair/pack 30 pairs/case	Working with ammonia and methylamine	
6005	70070316735	Organic Vapours & Formaldehyde (A1Form)	1 pair/pack 30 pairs/case	Working with formaldehyde and organic vapours	
6006	70070709475	Multi-Gas: Organic Vapours, (boiling point > 65°C) Inorganic and Acid Gases, Ammonia & Methylamine (A1B1E1K1FormHF)	1 pair/pack 30 pairs/case	Working with a variety of chemicals requiring multi-gas protection.	
6009	70070514057	Mercury Vapours, Chlorine Vapours (BAUSHg)	1 pair/pack 30 pairs/case	Working with mercury and/or chlorine vapours	
6099	70071091600	Mult-Gas & Particulates: Organic Vapours (boiling point > 65°C), Inorganic & Acid Gases, Ammonia, Methylamine & Particulates (A2B2E2K2P3)	1 pair/pack 16 pairs/case		

## 3M™ DIN Thread Filter Canisters 6000 Series

For use with 6000DIN Series Full Face Mask.

3M Order Code	Product Code	Description	Packaging	
450-00-02P	XH000757886	Particulate (P3)	12/case	
453-09-20P	XH000757928	Organic Vapours (boiling point > 65°C), Acid Gases, Ammonia, Methylamine and Particulates (A2B2E2K1P3)	6/case	

## 3M™ Particulate Filters 2000 Series

For use with 3M™ Half and Full Face Respirators which utilise 3M™ Bayonet Fixing System.

Product Code	3M Order Code	Description	Packaging	When You Are	
2071	70070757680	Particulate (P2)	1 pair/pack 50 pairs/case	Working with dusts. Sanding, grinding, cutting, drilling metal, masonry, wood, concrete.	
2091	70070614410	Particulate (P2/P3 when worn with a Full Face Respirator)	1 pair/pack 50 pairs/case	Working with dusts, mists or metal fume. Sanding, grinding, cutting, drilling metal, masonry, wood, concrete, welding, brazing, smelting, or metal pouring. Burning lead-based paints.	
2078	70070757904	Particulate, Agricultural type Organic Vapours with low vapour pressure, Nuisance level organic and Acid Gas (GP2)*	1 pair/pack 50 pairs/case	Working with dusts and mists. Spraying pesticides (not fogging). Requiring relief from nuisance levels of organic vapours and acid gases.	
2096	70070710937	Particulate & Nuisance Acid Gas* (P2 or P3 when worn with a Full Face Respirator)	50 pairs/case	Working with dusts & nuisance level acid gases. Sanding, grinding, cutting, drilling metal, masonry, wood, concrete. Requiring relief from nuisance levels of acid gases.	
2097	70070710945	Particulate, Ozone & Nuisance level organic vapour (GP2/GP3 when worn with a Full Face Respirator)*	1 pair/pack 50 pairs/case	Welding. Working with dusts. Sanding, grinding, cutting, drilling metal, masonry, wood, concrete. Requiring relief from nuisance levels of organic vapours. Welding, brazing, soldering, metal pouring, smelting. Burning lead based paints. Ozone protection.	
2076HF	70070757912	Particulate & nuisance level Hydrogen Fluoride (P2HF)	1 pair/pack 50 pairs/case	Working with dusts, mists and hydrogen fluoride. Requiring relief from nuisance levels of acid gases.	
7093	XH000730859	Particulate in Rectangular Bayonet style (P2/P3)	6 pairs/box	Use for welding, grinding, battery manufacturing, construction, utilities, mining, pharmaceuticals, smelting, handling lead and higher heat applications.	
5N11	70070614477	Particulate Filter used in conjunction with 6000 Series Cartridge Filters (P2)	10 pairs/box 10 boxes/case	Use with 6000 Series Cartridges to remove certain dusts and mists.	
501	70070190734	Particulate Filter Retainer, to hold the 5N11 Particulate Filter	10 pairs/box 5 boxes/case	Attaching 5N11 Filters to 6000 Series Cartridges.	

\* Nuisance levels are those levels below the Workplace Exposure Standards.

# 3M™ Respiratory Starter Kits

## Everything you need to get started

3M have a range of respiratory starter kits, which utilise masks from both the 6000 & 7000 Series plus the cartridges or filters you'll need to do the job all packed into a handy storage box. They are designed to have everything you need to get started.



# 3M™ Fit Test Kits

## Fit test kits, solutions and adaptors

Fit-testing ensures an initial good fit for respiratory protection. The largest contributor to reduced protection is poor fit.

The 3M™ FT-10 and FT-30 Qualitative Fit Test Apparatus are designed for fit-testing any negative-pressure respirator e.g 3M™ Disposable and Reusable Respirators.

The initial fit-test is normally conducted at a training session when introducing new respiratory protective equipment. Regular repeat testing at a later date will help maintain good fit.



### 3M™ Agricultural or Paint Spray Respirator Kit 6201

The 6200 Mask matched with the 6001 Cartridges & 5N11 Filters protects against respiratory hazards associated with agricultural or paint spraying activities.

- Contains Medium Facepiece 6200
- 1 x pair Organic Vapour Cartridges 6001
- 1 x pair Filter Retainers 501
- 1 x Pair Prefilters (P2) 5N11
- 4 x Respirator Cleaning Wipes 504
- 1 x Storage Box

Note: Not Suitable for use with: Isocyanate based paints, Pesticides with LD50 < 50mg/kg, Deadly/Dangerous Poisons, Fumigants/Soil Sterilants, Indoor fogging of pesticides



### Qualitative Fit Test Apparatus Kits

The 3M™ Qualitative Fit Test Apparatus Kits can be used with any particulate respirator or gas and vapour respirator with a particulate filter to test face seal fit.

- The Kits contain: Laminated instruction booklet, Sensitivity Solution FT-11 or FT-31, Fit Test Solution FT-12 or FT-32, Two nebulizers FT-13, One hood FT-14, One collar assembly FT-15, and two sets of replacement nebuliser inserts

Product Code	3M Order Code	Description	Packaging
FT-10	70070121515	Qualitative Fit Test Apparatus Kit Sweet (Saccharin)	1 kit/case
FT-30	70070709640	Qualitative Fit Test Apparatus Kit Bitter (Bitrex)	1 kit/case



### 3M™ Welding Respirator Starter Kit 6047

The 6200 Drop Down Mask matched with the 2097 Filters protects against respiratory hazards associated with Stick Rod Welding, MIG Welding, TIG Welding, soldering, brazing and grinding.

- Contains 6200 Drop Down Medium Facepiece
- 1 x pair 2097 Filters
- 4 x 504 Respirator Cleaning Wipes
- 1 x Storage Box



### Sensitivity and Fit Test Solutions

Sensitivity and Fit Test Solutions are used to test the sensitivity of the respirator wearer to a Saccharin or Bitrex solution. They are used with the 3M™ Qualitative Fit Test Apparatus FT-10 or FT-30.

Product Code	3M Order Code	Description	Packaging
FT-11	70070121457	Sensitivity Solution Sweet (Saccharin), 55ml	6 bottles/case*
FT-12	70070121465	Fit Test Solution Sweet, 55ml	6 bottles/case*
FT-31	70070709657	Sensitivity Solution Bitter (Bitrex), 55ml	6 bottles/case*
FT-32	70070709665	Fit Test Solution Bitter, 55ml	6 bottles/case*



\*Also available as individual bottles

### 3M™ Full-face Multi Gas Respirator Kit 6801

The 6800 Mask matched with the 6001 Cartridges & 5N11 Filters protects against respiratory hazards associated with agricultural or paint spraying activities.

- Contains Full Face Medium Facepiece 6800
- 1 x pair Organic Vapour Cartridges 6001
- 1 x pair Prefilter Retainers 501
- 3 x pairs Prefilters (P2) 5N11
- 4 x Respirator Cleaning Wipes 504
- 5 x 6885 Lens Covers
- 1 x Storage Box

Note: Not Suitable for use with: Isocyanate based paints, Pesticides with LD50 < 50mg/kg, Deadly/Dangerous Poisons, Fumigants/Soil Sterilants, Indoor fogging of pesticides



### Accessories

The following can be used with the 3M™ Qualitative Fit Test Apparatus FT-10 or FT-30.

Product Code	3M Order Code	Description	Packaging
FT-13	70070121473	Nebuliser	each
FT-14	70070121481	Test Hood	5/pack
FT-15	70070121499	Collar	1/case
601	70070406544	Quantitative Fit Test Adaptor for 6000 or 7500 Series Respirators with bayonet attachments	1/pack



### Also available in the 3M Starter Kit Range:

**Boxed Kits:** 3M™ Agri/Paint Spray Respirator Kit 7500, Full-face Multi gas Respirator Kit 6806

**Retail Pack Kits:** Agri/Paint Spray Respirator Kit R6211 (pictured), Full-face Agri/Paint Spray Respirator Kit 68P71



# 3M™ Gas Diffusion Monitors

3M™ Gas Diffusion Monitors are simple and effective devices that collect certain airborne contaminants using the principle of diffusion. They assist in the assessment of workplace contaminants, both personal and background.

3M does not provide analysis of Diffusion Monitors, however we can provide assistance in directing you to laboratories with experience of Diffusion Monitor analysis.



# 3M™ Reusable Respirator Accessories



## 3M™ Organic Vapour Monitor 3500

Uses a single wafer of charcoal sorbent for collecting organic vapours.

Product Code	3M Order Code	Packaging
3500	70070032142	10 monitors/case



## 3M™ Respirator Cleaning Wipes 504

The 504 Cleaning Wipes are alcohol-free pre-moistened towelettes for cleaning the respirator without damaging it.

Product Code	3M Order Code	Packaging
504	XH000792586	100 wipes/box
504	70070317139	100 wipes/box 5 boxes/case



## 3M™ Organic Vapour Monitor, with Backup Section 3520

Uses two wafers of charcoal sorbent for collecting organic vapours. Suited for compounds at unknown concentrations where the capacity of the 3500 monitor may be exceeded.

Product Code	3M Order Code	Packaging
3520	70070061992	5 monitors/case
3520B	70070614964	50 monitors/case



## 3M™ Ethylene Oxide Monitor 3551

Ethylene Oxide monitors are designed for measuring exposures to Ethylene Oxide such as those in the pharmaceutical, health care and chemical industries

Product Code	3M Order Code	Packaging
3551	70070071397	5 monitors/case



## 3M™ Formaldehyde Monitor 3721

Designed for measuring exposures to Formaldehyde such as those in the chemical, pulp and paper, foundry and textiles industries.

Product Code	3M Order Code	Packaging
3721	70070093953	5 monitors/case



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