



3M Science.
Applied to Life.™

Reusable Respirators

For prolonged periods of use, Half and Full Facepiece respirators by 3M offer exceptional value and quality, all combine comfort with ease of use. 3M™ Respirators have to pass strict quality control tests and provide a consistently high level of safety. The choice of the right facepiece and filter type depends on your particular working environment and individual requirements. 3M can assist you to choose the protection that helps you achieve optimum results.

3M™ Reusable Respirators.

3M™ Reusable Respirators – Technology Innovations Over the Years:



1977

3M offers the first reusable “Maintenance-Free” Half Facepiece Respirator



1987

3M manufactures a “sweptback” designed cartridge for its 5000 Series Facepiece for better peripheral vision and weight distribution



1989

3M designs and develops the “bayonet-style” cartridge connection



1991

3M develops and incorporates a new integral filter technology in its 4000 Series Facepiece, creating a lighter weight respirator



1992

3M develops first disc filters with loaded web filter media—the first non-woven, non-fiberglass filters



2019

3M introduces next-generation Secure Click™ HF-800SD series respirator providing comfort, breathability and simplicity.



2013

3M introduces the 6500QL Half Facepiece Respirator, our lightest silicone half facepiece



2010

3M develops Full Facepiece Respirator with overmolded gaskets, and comfort head cradle



2002

3M introduces Cool Flow™ Valve for reduced heat and moisture in the 7500 Half Facepiece Respirator



1996

3M launches its 6000 Series Full Facepiece Respirator offering best-in-class field of view and lightweight characteristics



A respiratory solution for every task.

It's clearly recognised that we need clean air to survive and that exposure to toxins could cause irreparable damage to our health, but sometimes respiratory risks are not obvious or the damage to human respiratory systems occurs over a longer period of time, which is why choosing suitable respiratory protection is important for long term worker health.

AS/NZS 1715:2009 which covers the selection, use and maintenance of respiratory protection equipment states: "The effective management of risks to health is achieved by identifying the hazards, assessing the risk associated with those hazards and controlling the risks to health".

The following summarises the tasks needed to ensure a safe respiratory working environment.

1. Undertake a risk assessment to identify the hazard and if possible remove or reduce the hazard, which is always preferable to using Respiratory Protective Equipment (RPE). If this is not possible, appropriate RPE will need to be selected and implemented, to prevent inhalation of contaminated air.
2. A clearly defined set of selection steps must be followed to determine the type of RPE that is best suited for the job and the contaminant.

Respiratory protective devices are classified into two main groups; Air Purifying Respirators (Filtering devices) and Air Supplied Breathing Apparatus.

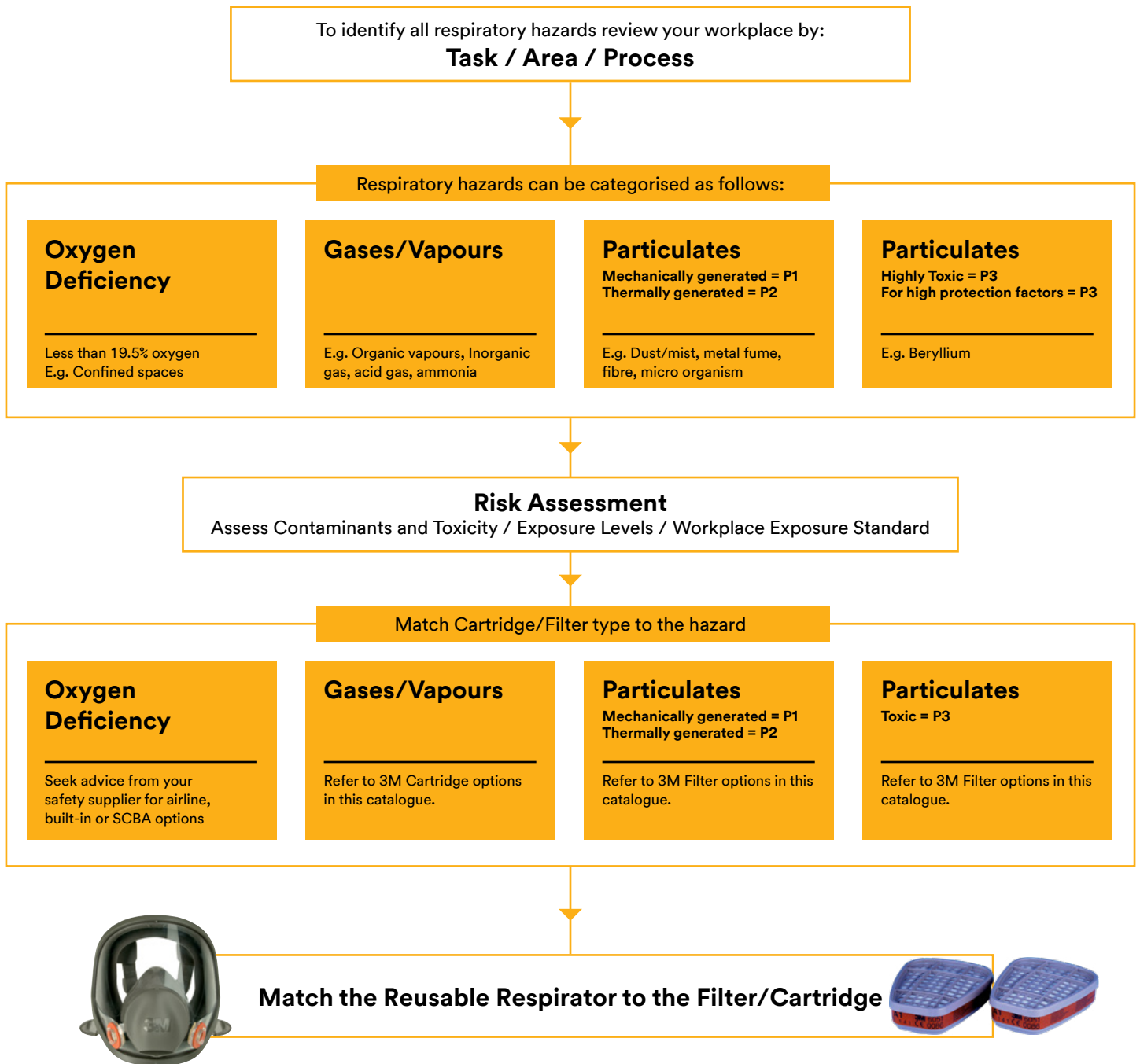
Where an Immediately Dangerous to Life and Health (IDLH) atmosphere is identified, air purifying respirators/filtering devices are not suitable, and self-contained and/or air supplied demand breathing apparatus must be used, due to the risk of oxygen displacing gases or other hazards where a filter may not provide appropriate protection from the hazard. RPE are given a Protection Factor (PF), which is a measure of the efficiency of the respiratory protection devices, i.e. if the content of a substance on the inside of the facepiece is one fiftieth of what it is in the ambient air, the respiratory protective device is said to have a Protection Factor of 50.

In addition to identifying the hazard, AS/NZS 1715:2009 states that;

- All users must be trained to use RPE
- RPE must fit properly to prevent leaks around the edges
- Fit-testing must be done before first wearing a tight fitting facepiece
- Beards, moustaches, sideburns, stubble & long hair are not allowed when wearing a tight fitting facepiece
- Cleaning and maintenance of RPE is required.



Guide to identify respiratory hazards and assess their risk.



This is a guide only. Selection of the most appropriate personal protective equipment (PPE) will depend on the particular situation and exposure levels and should be made only by a competent person knowledgeable of the assessed risks, actual working conditions and limitations of PPE. Details regarding performance and limitations are set out on the product packaging and user information. If in doubt, contact a safety professional or 3M.

For respiratory training and advice please contact your local 3M representative.

How a gas and vapour respirator cartridge works.



3M makes gas and vapour respirator cartridges to help reduce user exposure to many different organic vapours. To achieve this objective, respirator cartridges are filled with a material called activated carbon. Activated carbon is typically made from coal or renewable resources like wood or coconut shells. It is “activated” by heating the material in nitrogen or steam at approximate temperatures of 800 – 900°C. The resulting material has a significant number of micropores ideal for removal of organic vapours by adsorption. Adsorption is the adherence of gas or vapour molecules to the surface of the activated carbon. The attractive force between the activated carbon and the chemical molecule is a relative small, weak physical force. These micropores can be measured and optimized for specific product needs and performance.

The activated carbon sorbent bed can be impregnated with chemicals reagents to remove specific gas and vapours by chemisorption. Chemisorption is the formation of bonds between molecules of the impregnate and the chemical contaminant. These bonds are much stronger than the attractive forces of physical adsorption. The binding is usually irreversible.



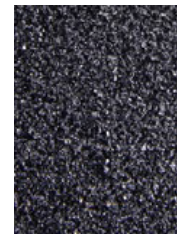
Coal or renewable resources, such as coconut shells



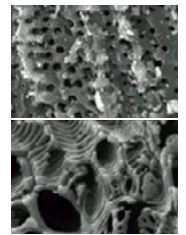
Coal or renewable resources are heated without oxygen



High-temperature steam or nitrogen activation



High-grade activated carbon



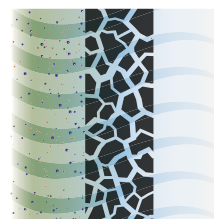
Electron micrographs of activated carbon pores

Organic vapours are predominantly removed by adsorption. When organic vapours are drawn through a gases and vapour cartridge, the air is filtered as vapours condense into the carbon pores. Vapours move through the cartridge from one pore to the next. This occurs more quickly for small volatile vapours with lower boiling points (e.g., acetone). Some migration of organic vapours can even occur during storage, so care must be taken before reusing the cartridge. The effective service life is the time until vapours begin to exit the cartridge.

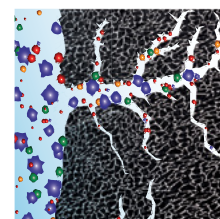
Unlike particle filters, service life is not indicated by change in breathing resistance. Instead, cartridges must be changed according to local regulations; or the established filter change schedule. If after establishing the change schedule; the contaminant can be detected sooner inside the respirator by irritation, taste or smell; the change schedule must be adjusted to a shorter change frequency.

Activated carbon by itself cannot adsorb other types of gases or vapours such as acid gases, ammonia, formaldehyde, etc. In some cases, additional metals and salts are added to the carbon to selectively remove these compounds. For this reason, 3M offers a variety of cartridges and facepieces to help protect workers in different environments and satisfy personal preferences.

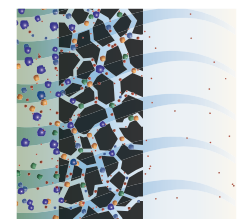
AS/NZS 1716 uses a classification system to identify the different types of contaminants these filter cartridges capture. 3M Australian and New Zealand rated Filter cartridges follow this marking and colour coding system.



Unfiltered organic vapours are drawn into the cartridge.



Activated carbon absorbs organic vapours on molecular level.



Service life continues until vapours begin to escape the cartridge.

Factors that influence service life:

- Exposure concentration
- Ambient Temperature
- Humidity Level (water vapour takes up space in carbon pores)
- Class of cartridge e.g. A1, A2

3M is committed to develop quality safety products to help protect workers. For more information about 3M gases and vapour cartridges, please visit [3M.com.au/ppesafety](https://3m.com.au/ppesafety) (AUS) | [3M.co.nz/ppesafety](https://3m.co.nz/ppesafety) (NZ).

To establish a cartridge change schedule using the 3M Australia and Select and Service life software please visit <https://sls.3m.com> and select Australia & New Zealand



How do particle filters work?

A bed of randomly oriented fibres is used to create the filter. Treated fibres can be used to attract and trap particles as they flow into and through the filter material. Increasing the thickness and capture effectiveness of the filter material increases the filter efficiency at capturing particles. Particle filters are tested according to AS/NZS1716 Section 4.3.5 and Appendix I and L. The physics of particle capture indicates that the particle size range 0.02-0.2 micron equivalent diameter and a mass median particle diameter of approximately 0.3 to 0.6 μm is the most difficult size range to capture. The filter is tested with a sodium chloride challenge aerosol consisting of particles mainly of this size. There are four common mechanisms of filtration being interception capture, inertial impaction, diffusion capture and electrostatic attraction. In practice, particle filters designed for respiratory protection will capture particles of all sizes – the major difference is the relative performance in the range between ~ 0.1 and 1 μm . Each class of filter must perform above a certain level against the test aerosol to be then classified under AS/NZS1716 as explained below.

What's a P1, P2, P3 rating filter?

A P1 is an AS/NZS1716 rated particle filter for use with Mechanically generated particles e.g. particles generated by crushing, grinding, drilling, sanding, cutting, etc including silica, wood dust, mists from spraying.

A P2 is an AS/NZS1716 rated particle filter for use with Mechanically and Thermally generated particles eg welding fume. These are also the recommended type for use with airborne particles that may contain biological hazards.

A P3 filter is the highest efficiency particle filter class and is used for particulates that are of high toxicity or at high concentrations. The benefit of this high efficiency filter can only be achieved on a full facepiece respirator system.

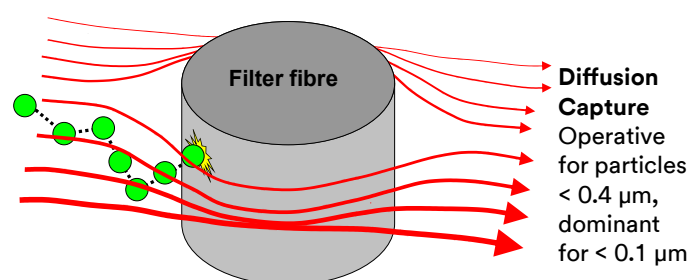
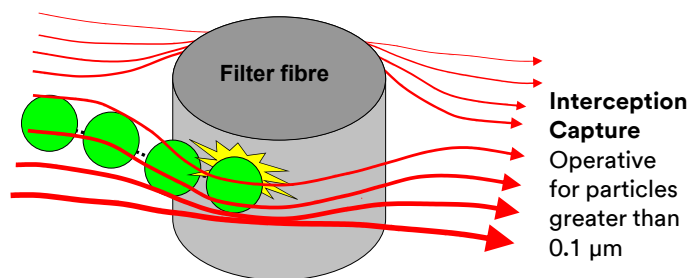
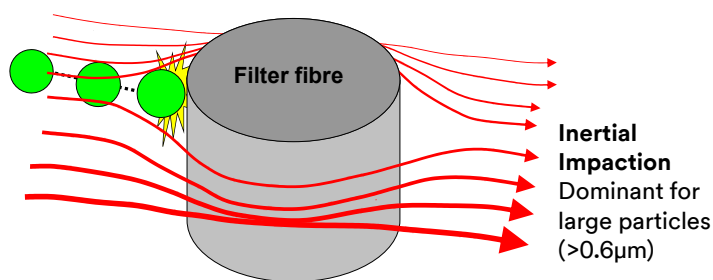
How long do particle filters last?

As particle filters load up with the contaminant, they actually become more restrictive to the passage of particles and can be a better filter. However, they also become harder to breathe through. The wearer will notice this increased load and at some point decide that the restriction is too high and will then need to change the filter. How soon this occurs will also be dependent on the amount of particles in the breathing air. A very dusty job will obviously clog the filter up more quickly than a relatively less dusty job. The change decision point will vary from individual to individual as some people are more sensitive to the increase in breathing load than others. So in summary, the filter should be changed when the breathing resistance becomes excessive to the wearer OR if the filter is damaged in any way eg by welding sparks.

Are there situations where particle filters must not be used?

There are several applications where particle filters should NOT be used:

- When the ambient Oxygen level is not guaranteed to be $> 19.5\%$. Filters do not create oxygen.
- For the capture of gases or vapours - these need a specifically rated gas/vapour filter.
- When the airborne particulate contaminant concentrations are high i.e. greater than the standard allows for that respirator type.
- When Government Regulations require use of airline or other specific type of respirator for specific applications.



Hazard identification and protection recommendations.

Industry	Application	Hazard	Recommended Protection
Construction	Painting, spraying, varnishing, coating	Solvent-based paint Solvents, resins, synthetic resins Latex-paint, residual solvents Spray-on glue, foam, varnish, adhesive	A1P2
Metal Fabrication	Welding, metal cutting, metal pouring, soldering, brazing	Metal fumes	P2
	Welding - TIG, MIG and other	Metal fumes, ozone gas. Nuisance levels of organic vapour	GP2
Agriculture	Spraying low vapour pressure*** pesticides, herbicides or fungicides	Organic vapour, mist, dust	GP2
	Mixing pesticide, herbicide or fungicide or spraying organic vapours	Organic vapour, mist, dust	A1P2
Automotive	Cleaning or using organic solvents, degreasing, paint thinners and glues	Organic vapour	A1
	Brush or roller application* of 2 pack type paints	Isocyanates*	A1
Fibreglass	Laying up	Expoxy and polyester resin, amines & anhydride hardner. Methy ethyl ketone peroxide (MEKP), styrene vapour	A1P2
	Using a chopper gun	Glass fibre, dust, resin and styrene vapour	
	Spray painting & cleaning moulds	Organic vapour and mist	
Maintenance	Disinfection, cleaning	Organic vapour, mist and dust	A1P2
		Organic vapour, formaldehyde, mist and dust	AFormP2
Other	Handling	Ammonia (NH3)**	K
		Bacteria, spores, odours	P2
		Hydrochloric acid vapour or mist**	ABEP2
		Petroleum solvents	A2
		Sulphur dioxide**	E
		Particulates**	P2
		Hazardous goods storage/transport	Seek specialised advice from 3M

* For protection from Isocyanates when spraying polyurethanes/2 pack, please contact the 3M TechAssist Helpline. **Also need to consider eye/face/skin protection. ***Low vapour pressure < 1.3Pa @ 25°C. P3 protection is only achieved on a full facepiece respirator.

Filter selection guide.

Filter Type	Colour	Main area of application
P	White	Particles: Dusts, mists, fumes, fibres, toxic particles & microorganisms (bacteria, fungi, viruses, enzymes)
A	Brown	Organic vapours with boiling point >65°C. eg. Toluene, Xylene, MEK, Benzene, Alcohols
AX	Brown	Highly volatile organic solvents with boiling point <65°C. e.g. Methanol, 1.3-Butadiene, Acetaldehyde
B	Grey	Acid gases, e.g chlorine, hydrogen sulphide, hydrogen chloride
E	Yellow	Inorganic gases such as sulphur dioxide
K	Green	Ammonia and organic ammonia derivatives
Hg	Red	Mercury (vapour)

Application limits for Gas & Vapour respirators (AS/NZS1715):

- Half facepiece respirators can be used up to 10 times the relevant Workplace Exposure Standards (WES) or up to 1000 ppm, whichever limit is reached first.
- Full facepiece respirators can be used up to 50 times the WES with a Class 1 filter or up to 1000 ppm, whichever limit is reached first.
- A1 and A2 Cartridges are designed for use with organic vapours with a boiling point above 65°C.
- AX Cartridges are used for organic vapours with a boiling point under 65°C. Note: 3M™ AX Cartridges are single use and can only be fitted to 3M™ Full facepiece respirators.

This selection guide is only an outline designed to focus on products which may be appropriate for typical applications - it should not be used as the only means of selecting a product. Selection of the most appropriate personal protective equipment (PPE) will depend on the particular situation and exposure levels and should be made only by a competent person knowledgeable of the assessed risks, actual working conditions and limitation of PPE. Details regarding performance and limitations are set out on the product packaging and user information. If in doubt, contact a safety professional or 3M.

Select the right respirator and filter/cartridge.

Secure Click Filters & Cartridges

HF-800SD Series

FF-800 Series

Particulate Protection

D3125 P2 D3135 P3** D9035 P3**

Particulate Protection + Nuisance Level* Organic Vapour and Acid Gas

D3128 P2 D3138 P3** D9038 P3**

Gas & Vapour Protection Only

D8051 A1 D8055 A2 D8059 A1B1E1K1

Combined Particulate + Gas & Vapour Protection

D8051 A1
D8055 A2
D8059 A1B1E1K1

D7925 P2 OR D7935 P3**

D701








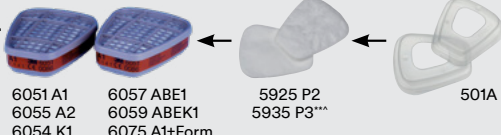

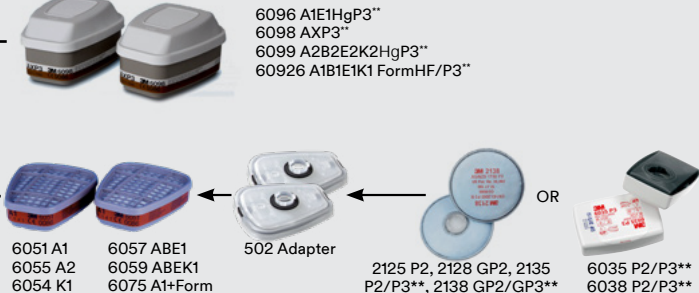
D8094 A1B1E1K1P3** D8095 A2P3**

** Provides P3 protection only with 3M Full Facepiece Respirators. Provides P2 protection with half facepiece respirators



Reusable Respirators

3M Bayonet Filters & Cartridges

 <p>6000 Series</p>	 <p>6035 P2/P3** 2125 P2 2135 P2/P3** 603 5925 P2 5935 P3** 501A</p> <p>Particulate Protection</p>
 <p>6500QL Series</p>	 <p>6038 P2/P3** 2128 GP2 2138 GP2/GP3**</p> <p>Particulate Protection + Nuisance Level* Organic Vapour and Acid Gas</p>
 <p>7500 Series</p>	 <p>6051 A1 6055 A2 6054 K1 6057 ABE1 6059 ABEK1 6075 A1+Form</p> <p>Gas & Vapour Protection only</p>
 <p>6000 FF Series</p>	 <p>6051 A1 6055 A2 6054 K1 6057 ABE1 6059 ABEK1 6075 A1+Form 5925 P2 5935 P3** 501A</p> <p>Combined Particulate + Gas & Vapour Protection</p>
 <p>FF-400 Series</p>	 <p>6051 A1 6055 A2 6054 K1 6057 ABE1 6059 ABEK1 6075 A1+Form 502 Adapter 2125 P2, 2128 GP2, 2135 P2/P3**, 2138 GP2/GP3** 6035 P2/P3** 6038 P2/P3**</p> <p>OR 6096 A1E1HgP3** 6098 AXP3** 6099 A2B2E2K2HgP3** 60926 A1B1E1K1 FormHF/P3**</p> <p>6098 and 6099 are only for use with Full facepiece.</p> <p>Combined Particulate + Gas & Vapour Protection</p>

 <p>4000+ Series</p>	 <p>4251+ A1P2 4255+ A2P2 4277+ A1B1E1P2 4279+ A1B1E1K1P2</p> <p>Combined Particulate + Gas & Vapour Protection</p> <p>Ready to use, Maintenance free</p>
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* Nuisance Levels are those levels below the Workplace Exposure Standard (WES)
 ** Provides P3 protection only with 3M Full facepiece Respirators. Provides P2 protection with half facepiece respirators.
 ^ Available in Australia only



Reusable Respirators

DT-Series Filters and Cartridges

FF-300 Series
Export controlled product. Document required to be signed upon purchase.

FF-600F Series

FF-600 Series

Particulate Protection

DT-1135E - PF10
DT-1135E P3

Gas & Vapour Protection Only

DT-4001E - GF22
DT-4001E A2

Combined Particulate + Gas & Vapour Protection

DT-4031E - CF22 DT-4031E A2P3	DT-4035E - CF22 DT-4035E A2B2P3	DT-4036E - CF22 DT-4036E A2B2E1P3
DT-4047E - CF32 DT-4047E AXP3	DT-4045E - CF32 DT-4045E A2B2E2K2-P3	DT-4046E - CF32 DT-4046E A2B2E2K2HgP3

Pre-Filters and Accessories

SS-6601 SS-6600

SS-6607 SS-6603

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

** Provides P3 protection only with 3M Full facepiece Respirators. Provides P2 protection with half facepiece respirators. ^ Available in Australia only



Reusable Respirators

Select the right respirator.

Half and Full Facepiece Respirators; are offered in a variety of materials and sizes to suit most face sizes and shapes.



Half Facepieces	4000+	6000	6500QL	7500	HF-800SD
Enhanced Durability			✓	✓	✓
Enhanced Comfort			✓	✓	✓
Drop-down Feature			✓	✓	
3M™ Cool Flow™ Valve			✓	✓	
Compatible with 3M™ Supplied Air System		✓	✓	✓	
Silicone Faceseal			✓	✓	✓
Compatible with Welding Shield		✓	✓	✓	✓
Compatible with PAPR system with BT60 tube				✓	
Speech Diaphragm					✓
Filter Type	Integrated	3M Bayonet	3M Bayonet	3M Bayonet	3M Secure Click



Full Facepieces	6000	FF-300 Export controlled product. Document required to be signed upon purchase.	FF-400	FF-600	FF-600F	FF-800
Enhanced Durability		✓		✓	✓	✓
Enhanced Comfort	✓		✓			✓
3M™ Cool Flow™ Valve	✓		✓			✓
Compatible with 3M™ Supplied Air System	✓	✓		✓		
Compatible with 3M™ PAPR Systems	✓	✓	✓	✓		
Silicone Faceseal	✓		✓	✓	✓	✓
Speech Diaphragm		✓	✓	✓	✓	✓
Filter Type	3M Bayonet	3M DT-Series	3M Bayonet	3M DT-Series	3M DT-Series	3M Secure Click

3M™ HF-800SD Reusable Respirator

Designed with smart and intuitive features, the 3M™ Secure Click Half Facepiece Reusable Respirator HF-800SD Series helps protect workers from particulates and a wide variety of gases and vapours when used with approved 3M™ Secure Click™ filters and cartridges.

- Silicone facepiece for comfort and durability
- Work with confidence, provided by the all new Secure Click™ connection
- Provides one-touch button to check on seal check
- Experience the greater breathability and comfort provided by the world's first quad-flow gas and vapour cartridge
- Speech diaphragm provides easier communication while working
- Complies with AS/NZS 1716 Respiratory Protective Devices



3M Order Code	Model #	Description
UU009621507	HF-801SD	Small with speaking diaphragm for use with secure click filters and cartridges
UU009622216	HF-802SD	Medium speaking diaphragm for use with secure click filters and cartridges
UU009620970	HF-803SD	Large with speaking diaphragm for use with secure click filters and cartridges.
AT010587411	504	Respirator Cleaning Wipe, Alcohol-Free 100/Box

For use with the range of 3M Secure Click Filters & Cartridges



For spare parts and accessories refer to the Part & Accessories Guide

Reusable Respirators

3M™ 7500 Series Reusable Respirator

The 3M™ Half Face Reusable Respirator 7500 Series has a soft, silicone face seal for greater comfort and durability. The 3M™ Cool Flow™ Valve helps make breathing easier and can reduce heat and moisture build-up for cool, dry comfort. Combine with a broad range of twin, lightweight 3M filters or cartridges to provide respiratory protection against particulates and a variety of gases and vapours.

- Soft, silicone facepiece for comfort and durability
- Drop down feature for added convenience during breaks
- Thin nose bridge area for reduced pressure and improved comfort
- 3M Cool Flow Exhalation valve offers reduce breathing resistance
- Respirator design helps reduce fogging when wearing eye protection
- Flexible system for use with 3M gas, vapour and particulate cartridges and filters
- Maintainable through a range of spare parts
- Compatible with TR-600 & TR-800 Versaflo PAPR with BT-63 or BT-64 breathing tubes
- Compatible with Stethoscope Breathing tube sets 901-00-71 and 902-03-15
- Complies with AS/NZS 1716 Respiratory Protective Devices



For use with the range of 3M Bayonet Filters & Cartridges



Compatible with:



TR-600 & BT-63/64



TR-800 & BT-63/64



901-00-71/902-03-15 & Supplied air hose with Air panel

Refer to Powered Air Purifying Respirator and Airline Sections for more information

3M Order Code	Model #	Description
XA007709323	7501	Small for use with 3M™ Bayonet Filters & Cartridges
XA007709331	7502	Medium for use with 3M™ Bayonet Filters & Cartridges
XA007709349	7503	Large for use with 3M™ Bayonet Filters & Cartridges
AT010587411	504	Respirator Cleaning Wipe, Alcohol-Free 100/Box

For spare parts and accessories refer to the Part & Accessories Guide

3M™ 6500QL Series Reusable Respirator

- Overmolded / Low-Profile Design
- Optimum fit and comfort with three-size-adjustable head cradle
- Silicone Faceseal provides comfort and stability with a soft but firm faceseal
- 3M™ Cool Flow™ Valve for Easier breathing
- Reusable respirator with quick latch drop down mechanism for easy on and off as wearers move in and out of contaminated areas
- Textured face seal minimises slippage and improves comfort
- Complies with AS/NZS 1716 Respiratory Protective Devices



For use with the range of 3M Bayonet Filters & Cartridges



3M Order Code	Model #	Description
70071668134	6501QL	Small for use with 3M™ Bayonet Filters & Cartridges
70071668142	6502QL	Medium for use with 3M™ Bayonet Filters & Cartridges
70071668159	6503QL	Large for use with 3M™ Bayonet Filters & Cartridges
AT010587411	504	Respirator Cleaning Wipe, Alcohol-Free 100/Box

For spare parts and accessories refer to the Part & Accessories Guide

Reusable Respirators

3M™ 6000 Series Reusable Respirator

- Provides lightweight, easy-to-use, economical protection
- An economical choice
- Facepiece is made from soft, lightweight thermoplastic elastomer
- Head harness assembly and spare parts available
- Complies with AS/NZS 1716 Respiratory Protective Devices



For use with the range of 3M Bayonet Filters & Cartridges



3M Order Code	Model #	Description
XA007702633	6100	Small for use with 3M™ Bayonet Filters & Cartridges
XA007702658	6200	Medium for use with 3M™ Bayonet Filters & Cartridges
XA007702674	6300	Large for use with 3M™ Bayonet Filters & Cartridges
AT010587411	504	Respirator Cleaning Wipe, Alcohol-Free 100/Box

For spare parts and accessories refer to the Part & Accessories Guide

3M™ 4000+ Series Reusable Respirator

- Disposable, maintenance-free half facepiece respirator
- Twin inhalation valves and large, bonded carbon filters with permanently attached particulate filters
- Easy to use as no need for assembly, maintenance or record keeping
- Complies with AS/NZS 1716 Respiratory Protective Devices



3M Order Code	Model #	Description
UU008107219	4251+	Disposable, maintenance-free half facepiece respirator A1P2
UU008107474	4255+	Disposable, maintenance-free half facepiece respirator A2P2
UU008107490	4277+	Disposable, maintenance-free half facepiece respirator A1B1E1P2
UU008107508	4279+	Disposable, maintenance-free half facepiece respirator A1B1E1K1P2

3M™ Respirator Cleaning Wipe 504

- Moist towelettes clean dirt and perspiration off facepiece respirators
- Individually packaged and sealed to ensure uncompromised sanitary quality
- Disposable, one-time-use for convenience
- Convenient for respirator hygiene and sanitary protection between uses
- Alcohol-free towelettes contain no alcohol or harsh chemical
- Towelettes come 100 per box



3M Order Code	Model #	Description
AT010587411	504	Respirator Cleaning Wipe, Alcohol-Free 100/Box

Reusable Respirators

3M™ Reusable Half Face Respirator Starter Kits.

These kits are designed to offer respiratory protection in a convenient and easy way – an ideal solution to get you started. The kits provide protection for a range of applications, from spray painting to sanding or welding. To avoid moisture and contaminant exposure, the respirator is housed in a handy, sealable storage container.

3M™ Spraying Respirator Kit 6551QL

A convenient respiratory kit designed for certain painting* and spraying environments. The kit comes complete with the 3M™ Half Face Reusable 6500QL Respirator for comfort and durability. It features 3M™ Cool Flow™ Exhalation Valve which reduces breathing resistance and minimize heat build-up. The Quick Latch drop down mechanism provides ease in donning and doffing the facepiece.

Kit includes

- 1 x 6500QL Series half facepiece
- 1 Pair x 6051 A1 Organic Vapour (b.pt >65°C) Cartridge
- 1 Pair x 5925 P2 Particulate filter
- 1 Pair x 501A Retainer
- 2 x 504 Respirator wipes
- 1 x storage container

*Not to be used when spraying isocyanate based paints



3M Order Code	Model #	Description
AT010623794	6551QL	Spraying Kit-A1P2 Small
AT010623802	6551QL	Spraying Kit-A1P2 Medium
AT010623810	6551QL	Spraying Kit-A1P2 Large

For spare parts and accessories refer to the Part & Accessories Guide

3M™ Spraying Respirator Kit 7551

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.

Kit includes

- 1 x 7500 Series half facepiece
- 1 Pair x 6051 A1 Organic Vapour (b.pt >65°C) Cartridge
- 2 Pair x 5925 P2 Particulate filter
- 1 Pair x 501A Retainer
- 2 x 504 Respirator wipes
- 1 x storage container

*Not to be used when spraying isocyanate based paints



3M Order Code	Model #	Description
AT010623372	7551S	Spraying Respirator Kit - A1P2 Small
AT010623380	7551M	Spraying Respirator Kit - A1P2 Medium
AT010623398	7551L	Spraying Respirator Kit - A1P2 Large

For spare parts and accessories refer to the Part & Accessories Guide

3M™ Spraying Respirator Kit 6251

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.

Kit includes

- 1 x 6000 Series half facepiece
- 1 Pair x 6051 A1 Organic Vapour (b.pt >65°C) Cartridge
- 1 Pair x 5925 P2 Particulate filter
- 1 Pair x 501A Retainer
- 2 x 504 Respirator wipes
- 1 x storage container

* Not to be used when spraying isocyanate based paints



3M Order Code	Model #	Description
AT010782442	6251	Spraying Respirator Kit - A1P2 Small
AT010783671	6251	Spraying Respirator Kit - A1P2 Medium
AT010782434	6251	Spraying Respirator Kit - A1P2 Large

For spare parts and accessories refer to the Part & Accessories Guide

Reusable Respirators

3M™ Welding Respirator Kit 6228

Includes a 3M™ Half Face 6000 Series Respirator that is simple and lightweight.

Kit includes

- 1 x 6000 Series half facepiece
- 2 x 2128 GP2 Particulate, Ozone & with nuisance level* organic vapour/acid gas filter Pair
- 2 x 504 Respirator wipes
- 1 x storage container



3M™ Welding Respirator Kit 7528

Includes a 3M™ Half Face 7500 Series Respirator with special Cool Flow™ valve and soft silicone material. Ideal for working in hot and humid conditions or during prolonged use.

Kit includes

- 1 x 7500 Series half facepiece
- 2 x 2128 GP2 Particulate, Ozone & with nuisance level* organic vapour/acid gas filter Pair
- 2 x 504 Respirator wipes
- 1 x storage container



3M Order Code	Model #	Description
AT019448086	6228	Welding Respirator Kit - GP2 Medium

For spare parts and accessories refer to the Part & Accessories Guide

3M Order Code	Model #	Description
AT019448094	7528	Welding Respirator Kit - GP2 Medium

For spare parts and accessories refer to the Part & Accessories Guide

3M™ Welding/Particulate Kit 6528QL

The kit comes complete with the 3M™ Half Face Reusable 6500QL 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 facepiece.

Kit includes

- 1 x 6500QL Series half facepiece
- 2 x 2128 GP2 Particulate, Ozone & with nuisance level* organic vapour/acid gas filter Pair
- 2 x 504 Respirator wipes
- 1 x storage container



3M Order Code	Model #	Description
AT010623406	6528QL	Welding/Particulate Kit-GP2 Small
AT010623414	6528QL	Welding/Particulate Kit-GP2 Medium
AT010623422	6528QL	Welding/Particulate Kit-GP2 Large

For spare parts and accessories refer to the Part & Accessories Guide

3M™ Multi-Gas Respirator Kit 6259

Includes a 3M™ Half Face 6000 Series Respirator that is simple and lightweight.

Kit includes

- 1 x 6000 Series half facepiece
- 1 Pair x 6059 A1B1E1K1 Multi Gas Cartridge
- 1 Pair x 5925 P2 Particulate filter
- 1 Pair x 501A Retainer
- 2 x 504 Respirator wipes
- 1 x storage container

*Not to be used when spraying isocyanate based paints



3M Order Code	Model #	Description
AT010782467	6259	Multi-Gas Respirator Kit-A1B1E1K1P2 Small
AT010783689	6259	Multi-Gas Respirator Kit-A1B1E1K1P2 Medium
AT010782459	6259	Multi-Gas Respirator Kit-A1B1E1K1P2 Large

For spare parts and accessories refer to the Part & Accessories Guide

Reusable Respirators

3M™ Construction Respirator Kit 6535QL

The kit comes complete with the 3M™ Half Face Reusable 6500QL 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 facepiece.

Kit includes

- 1 x 6500QL Series half facepiece
- 2 x 6035 P2/P3* Particulate filter Pair
- 4 x 504 Respirator wipes
- 1 x SF401AF-AS Clear SecureFit Protective Eyewear 400 Series
- 1 x storage container

*Provides P2 protection with half facepiece respirator. Provide P3 Protection only with full facepiece respirator.



3M Order Code	Model #	Description
AT010782475	6535QL	Construction Respirator Kit-P2 Small
AT010782483	6535QL	Construction Respirator Kit-P2 Medium
AT010782491	6535QL	Construction Respirator Kit-P2 Large

For spare parts and accessories refer to the Part & Accessories Guide

3M™ Dust/Particle Respirator Kit 6225

Includes a 3M™ Half Face 6000 Series Respirator that is simple and lightweight.

Kit includes

- 1 x 6000 Series half facepiece
- 1 x 2125 P2 Particulate filter Pair
- 2 x 504 Respirator wipes
- 1 x storage container



3M Order Code	Model #	Description
AT010782426	6225	Dust/Particle Respirator Kit-P2 Small
AT010783663	6225	Dust/Particle Respirator Kit-P2 Medium
AT010782418	6225	Dust/Particle Respirator Kit-P2 Large

For spare parts and accessories refer to the Part & Accessories Guide

3M™ Asbestos/Dust Respirator Kit 7535

A convenient respiratory kit designed for certain** asbestos tasks and environments containing dust. The kit comes complete with the 3M™ Half Face Reusable Respirator 7500 Series for comfort and durability. The respirator design helps reduce fogging when wearing eye protection (eyewear included).

Kit includes

- 1 x 7500 Series half facepiece
- 2 x 6035 P2/P3* Particulate filter Pair
- 4 x 504 Respirator wipes
- 1 x SF201AF-AS 3M SecureFit Protective Eyewear 200 Series
- 1 Pair x 3M No-Touch Earplug
- 1 x storage container

*Provides P2 protection with half facepiece respirator. Provide P3 Protection only with full facepiece



3M Order Code	Model #	Description
AT010601592	7535S	Asbestos/Dust - P2/P3 Small
AT010601600	7535M	Asbestos/Dust - P2/P3 Medium
AT010601618	7535L	Asbestos/Dust - P2/P3 Large

For spare parts and accessories refer to the Part & Accessories Guide

Reusable Respirators

3M™ FF-800 Full Facepiece Reusable Respirator Series

Designed with smart and intuitive features, the 3M Full Facepiece Reusable Respirator FF-800 Series helps protect workers from particulates and a wide variety of gases and vapors when used with approved 3M Secure Click filters and cartridges.

Features and Benefits:

Speaking Diaphragm

- Designed to help provide easy communication.

Durable, Long-lasting Head Harness

- Features a six-strap configuration for a secure fit

Large Lens

- Helps provide wide view for excellent peripheral vision.

Comfort Cradle

- Positions respirator more comfortably on head, reducing pressure points and hair pulling.

NEW

Unique Filter & Cartridge Connection

- Snaps into place for intuitive assembly.

NEW

Push Button Seal Check

- Easy way to conduct (positive pressure) seal check prior to each use.



Exhalation Valve Cover

- Helps direct exhaled breath and moisture downward.

Complies with AS/NZS 1716 Respiratory Protective Devices

Accessories



102



FF-400-17

For use with the range of 3M Secure Click Filters & Cartridges



3M Order Code	Model #	Description
70071766193	FF-801	Small, for use with 3M Secure click filters and cartridges
70071766201	FF-802	Medium, for use with 3M Secure click filters and cartridges
70071766219	FF-803	Large, for use with 3M Secure click filters and cartridges
70071516986	FF-400-17	Semi-permanent lens protector. Adhesive around full edge
XA006514674	102	3M™ Universal spectacle kit
AT010587411	504	Respirator Cleaning Wipe, Alcohol-Free 100/Box

For spare parts and accessories refer to the Part & Accessories Guide

3M™ FF-400 Full Facepiece Reusable Respirator Series

Features and Benefits:

Durable, Long-lasting Head Harness

- Features a six-strap configuration for a secure fit

Comfort Cradle

- Respirator attachments twist on and off easily for quick assembly and disassembly

Compatible with TR-600 & TR-800 Versaflo PAPR with BT-63 or BT-64 breathing tubes.

Easy to Use

- Respirator attachments twist on and off easily for quick assembly and disassembly

Complies with AS/NZS 1716 Respiratory Protective Devices

3M Order Code	Model #	Description
70071510773	FF-401	Ultimate FX Full Face Respirator Small - for use with 3M™ Bayonet Filters & Cartridges
70071510807	FF-402	Ultimate FX Full Face Respirator Medium - for use with 3M™ Bayonet Filters & Cartridges
70071510831	FF-403	Ultimate FX Full Face Respirator Large - for use with 3M™ Bayonet Filters & Cartridges
70071516986	FF-400-17	Semi-permanent lens protector. Adhesive around full edge
XA006514674	102	3M™ Universal spectacle kit
AT010587411	504	Respirator Cleaning Wipe, Alcohol-Free 100/Box

For spare parts and accessories refer to the Part & Accessories Guide

Large Lens

- Provides a wide field of view

Soft, Silicone Nose Cup and Face Seal

- Engineered for maximum durability, comfort and resilience
- Three sizes help the respirator fit a broad range of face shapes and sizes

Passive Speaking Diaphragm

- Optimally positioned for clearer and easier communications

Bonded Silicone Gaskets

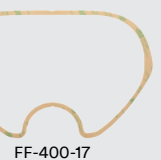
- Eliminate loose gaskets that can be lost

Compatible with:



Refer to Powered Air Purifying Respirator and Airline Sections for more information

Accessories



For use with the range of 3M Bayonet Filters & Cartridges



Reusable Respirators

3M™ 6000 Series Full Face Respirator

The 3M™ Full Face Reusable Respirator 6000 Series is simple to use and comfortable to wear. Combined with a broad range of twin, lightweight 3M™ filters or cartridges to provide respiratory protection against particulates and a variety of gases and vapours.

Features and Benefits:

- 3M™ Full Facepiece Respirators 6000 Series, Reusable
- Soft, silicone face seal for greater comfort and durability
- Polycarbonate visor with wide field of vision
- Unique centre adapter to direct exhaled breath and moisture downward, helps reduce debris from depositing in the valve, and allows for quick and easy cleaning
- Compatible with TR-600 & TR-800 Versaflo PAPR with BT-63 or BT-64 breathing tubes
- Compatible with Stethoscope Breathing tube sets 901-00-71 and 902-03-15
- Complies with AS/NZS 1716 Respiratory Protective Devices



Compatible with:



Refer to Powered Air Purifying Respirator and Airline Sections for more information

Accessories



For use with the range of 3M Bayonet Filters & Cartridges



3M Order Code	Model #	Description
XA007708234	6700	Small for use with 3M™ Bayonet Filters & Cartridges
XA007708242	6800	Medium for use with 3M™ Bayonet Filters & Cartridges
XA007708259	6900	Large for use with 3M™ Bayonet Filters & Cartridges
70070709103	6885	Clear Lens Cover
AT019223489	6886	Tinted Lens Cover
XA006514674	102	3M™ Universal spectacle kit
AT010587411	504	Respirator Cleaning Wipe, Alcohol-Free 100/Box

For spare parts and accessories refer to the Part & Accessories Guide

Reusable Respirators

3M™ FF-300 Full Face Respirator

- DIN40 threaded filter connection
- Wide range of high performance DT-Series filters available to address a variety of hazards
- Non allergenic halo butyl facepiece with wide panoramic polycarbonate visor
- Five point adjustable head harness provides increased wearer comfort and fit
- Speech diaphragm provides clear and audible speech transmission
- Polycarbonate visor
- Complies with AS/NZS 1716 Respiratory Protective Devices
- Compatible with PF-600E-ASB PAPR



For use with the range of 3M DT-Series Filters & Cartridges



Compatible with:



PF-600E-ASB

Refer to Powered Air Purifying Respirator and Airline Sections for more information

Accessories



FF-300-926 (012698)



FF-300-20 (012790)

Export controlled product. Document required to be signed upon purchase.

3M Order Code	Model #	Description
UU010978961	FF-301	FF-301 Small for use with DT-Series filters
UU010978953	FF-302	FF-302 Medium/Large for use with DT-Series filters
XP100544145	FF-300-926 (012698)	Visor overlays (set OF 10)
XP100544160	FF-300-20 (012790)	Prescription spectacle frame

For spare parts and accessories refer to the Part & Accessories Guide

3M™ FF-600F Full Face Respirator

- The Vision visor provides a virtually unrestricted (98%) field of vision
- The visor curves through both the vertical and horizontal planes and remains optically perfect to prevent any visual distortion
- Hard coated to provide solvent and scratch resistance for low through-life costs
- Filters sit low and close to the face, providing excellent balance and weight distribution
- Front mounted filter
- Polycarbonate visor
- Complies with AS/NZS 1716 Respiratory Protective Devices



For use with the range of 3M DT-Series Filters & Cartridges



Accessories



FF-300-20 (012790)



FF-600-20 (2015082)

3M Order Code	Model #	Description
UU011565585	FF-601F	FF-601F Full Face Front Fitting Filter Small - for use with DT-Series Filters
UU011565593	FF-602F	FF-602F Full Face Front Fitting Filter Medium - for use with DT-Series Filters
UU015546932	FF-603F	FF-603F Full Face Front Fitting Filter Medium/Large - for use with DT Series Filters
XP100545068	FF-600-926 (VCP1000)	Visor overlay tear off (pk 5)
UU010979514	FF-600-20 (2015082)	FF-600 & FF-600F spectacle frames

For spare parts and accessories refer to the Part & Accessories Guide

Reusable Respirators

3M™ FF-600 Full Face Respirator

- The Vision visor provides a virtually unrestricted (98%) field of vision
- The visor curves through both the vertical and horizontal planes and remains optically perfect to prevent any visual distortion
- Hard coated to provide solvent and scratch resistance for low through-life costs
- Filters sit low and close to the face, providing excellent balance and weight distribution
- Side mounted filter
- Polycarbonate visor
- Compatible with PF-600E-ASB PAPP
- Complies with AS/NZS 1716 Respiratory Protective Devices



For use with the range of 3M DT-Series Filters & Cartridges



Compatible with:



PF-600E-ASB

Refer to Powered Air Purifying Respirator and Airline Sections for more information

Accessories



FF-600-926 (VCP1000)



FF-600-20 (2015082)

3M Order Code	Model #	Description
UU010979498	FF-601	FF-601 Full Face Side Fitting Filter Small - for use with DT-Series Filters
UU010979480	FF-602	FF-602 Full Face Side Fitting Filter Medium - for use with DT-Series Filters
UU010979332	FF-603	FF-603 Full Face Side Fitting Filter Medium/Large - for use with DT-Series Filters
UU010979506	FF-600-926 (VCP1000)	Visor overlay tear off (pk 5)
UU010979514	FF-600-20 (2015082)	FF-600 & FF-600F spectacle frames

For spare parts and accessories refer to the Part & Accessories Guide



Reusable Respirators

3M™ Reusable Full Face Respirator Starter Kit.

A convenient respiratory kit designed for certain asbestos tasks painting and spraying and environments containing dust. The kit comes complete with the 3M™ Full Face Reusable 6000 Series Respirator for comfort and durability. The respirator is simple and easy to use, well balanced and provides a wide field of vision.

3M™ Asbestos/Dust Respirator Kit 6835, P3

Kit includes

- 1 x 6000 Series full facepiece
- 2 x 6035 P2/P3* Particulate filter Pair
- 4 x 504 Respirator wipes
- 1 Pair x 3M No-Touch Earplug
- 1 x storage container



3M™ Spraying/Painting Respirator Kit 6851 A1P2

Kit includes

- 1 x 6000 Series full facepiece
- 1 Pair x 6051 A1 Organic Vapour (b.pt >65°C) Cartridge
- 2 Pair x 5925 P2 Particulate filter
- 1 Pair x 501A Retainer
- 4 x 504 Respirator wipes
- 1 Pair x 3M No-Touch Earplug
- 1 x storage container

*Not to be used when spraying isocyanate based paints



3M Order Code	Model #	Description
AT010614199	6835S	Asbestos/Dust - P3 Small
AT010614207	6835M	Asbestos/Dust - P3 Medium
AT010614215	6835L	Asbestos/Dust - P3 Large

For spare parts and accessories refer to the Part & Accessories Guide

3M Order Code	Model #	Description
AT010602608	6851S	Spraying/Painting - A1P2 Small
AT010614173	6851M	Spraying/Painting - A1P2 Medium
AT010614181	6851L	Spraying/Painting - A1P2 Large

For spare parts and accessories refer to the Part & Accessories Guide



Reusable Respirators

3M™ Secure-Click™ Filters and Cartridges



D8051 A1 D8055 A2 D8094 A1B1E1K1P3** D8059 A1B1E1K1 D8095 A2P3**

Suitable facepieces for Secure Click Filters and Cartridges



HF-800SD Series FF-800 Series

Secure Click Gas and Vapour Cartridges

3M Order Code	Model #	Description
UU009286772	D8051	Secure Click™ Dual Flow Cartridge A1
UU009288695	D8055	Secure Click™ Dual Flow Cartridge A2
UU009288406	D8059	Secure Click™ Dual Flow Cartridge A1B1E1K1
UU009289347	D8094	Secure Click™ Dual Flow Cartridge A1B1E1K1P3**
UU009289339	D8095	Secure Click™ Dual Flow Cartridge A2P3**



For assistance in determining 3M Secure Click gas/vapour cartridge breakthrough and filter change schedules for certain gas/vapour contaminants visit the free

3M Select and Service Life (SLS) Software | sls.3m.com

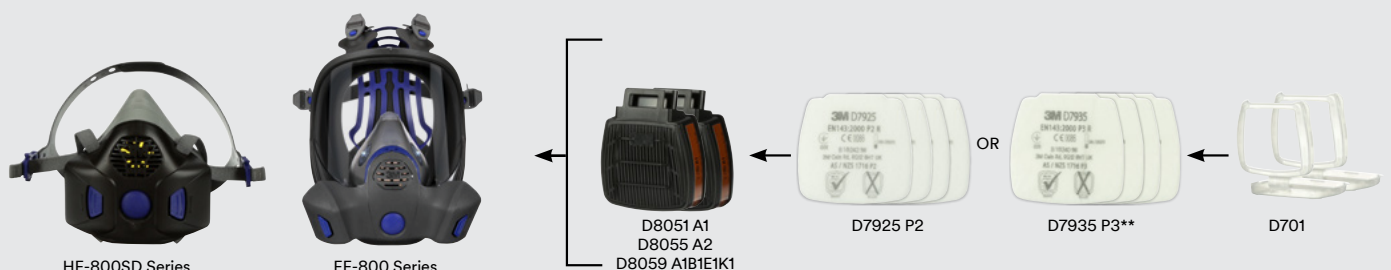


Secure Click Particulate Filters

3M Order Code	Model #	Description
70071731221	D3125	Secure Click™ Particulate Filter P2
70071731247	D3128	Secure Click™ Particulate Filter P2 with Nuisance Level OV/AG*
70071731262	D3135	Secure Click™ Particulate Filter P2/P3**
70071731288	D3138	Secure Click™ Particulate Filter P2/P3** with Nuisance Level OV/AG*
70071731312	D7925	Secure Click™ Particulate Filter P2. Requires D701 to connect to D8051, D8055 or D8059
70071731320	D7935	Secure Click™ Particulate Filter P2/P3**. Requires D701 to connect to D8051, D8055 or D8059
UU010049979	D701	Secure Click™ Filter Retainer. Required to connect D7925/7935 to D8051, D8055 or D8059
UU010285664	D9035	Secure Click™ Hard cover Particulate Filter P3**
UU010291761	D9038	Secure Click™ Hard Cover Particulate Filter P3** with Nuisance Level OV/AG*
70071731361	D3076HF	Secure Click™ Particulate Filter P2HF with Nuisance. Level Acid gas and Hydrogen. Fluoride up to 10x the WES.

*Organic Vapour/Acid Gas. **Provides P3 protection only with 3M Full Face Respirators. Provides P2 protection with half face piece respirators.

Approved Filter Combinations



3M™ Bayonet Particulate Filters Series

- Made from 3M high performance filter media for effective filtration efficiency
- Lightweight and provides low breathing resistance



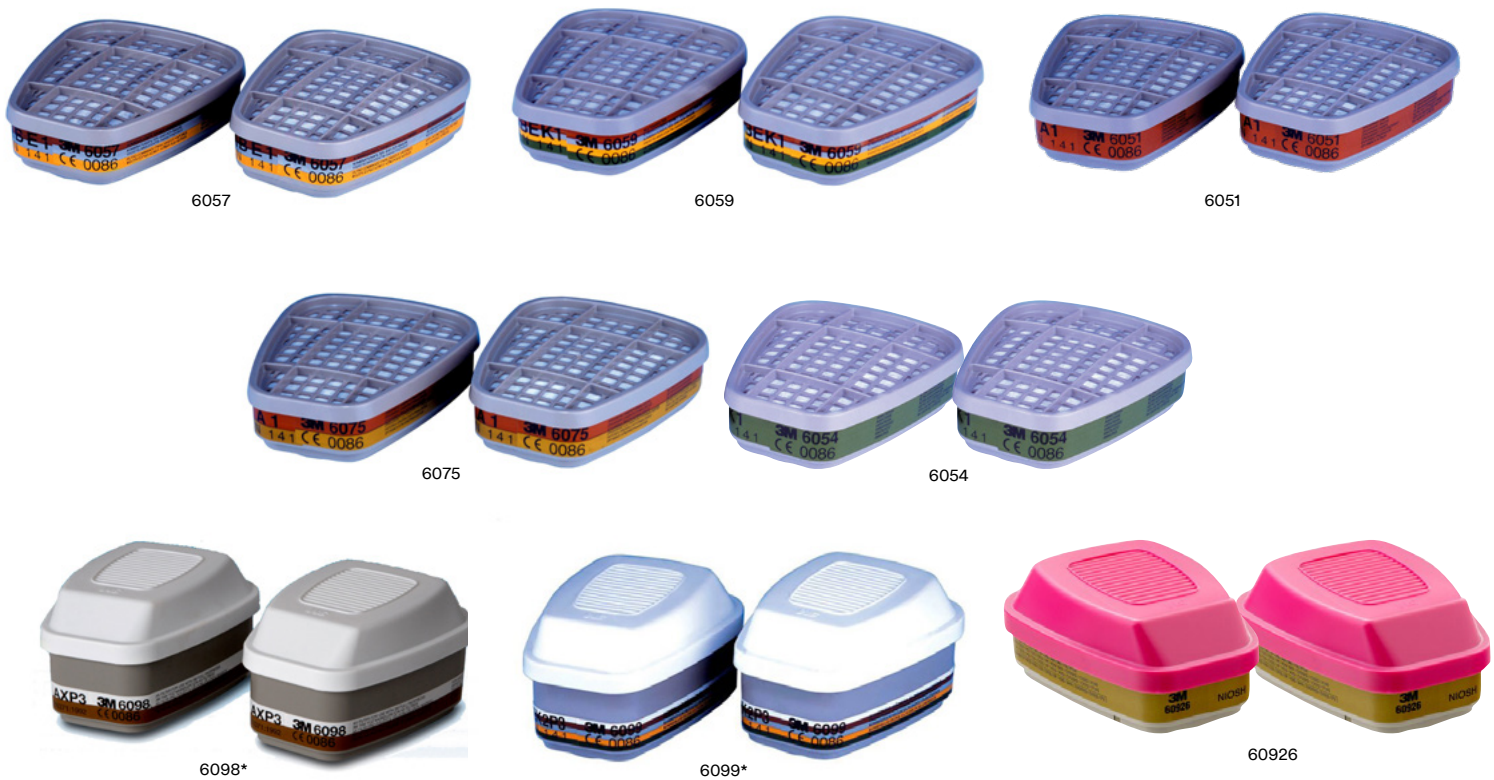
Suitable Facepieces compatible with 3M™ Bayonet filters and cartridges



3M Order Code	Model #	Description
TI551152299	5925	P2 Particulate Filter for use with 603 filter adapter or 6000 Series gas/vapour cartridges. Requires 501A filter retainer
TI551152356	5935	P3** Particulate Filter for use with 603 filter adapter or 6000 Series gas/vapour cartridges. Requires 501A filter retainer
AT010794884	501A	Filter Retainer for 5925/5935 Particulate Filter on 603 filter adapter or 6000 Series gas/vapour cartridges
AT019223455	502	Filter Adapters. Use to attach 3M™ Particulate Filters 2000 Series and 6035/6038 filters, to the 3M™ Cartridges 6000 Series. One time use only. Disposed with cartridge.
70071651759	603	Filter Adapter. For use with 5925/5935. Requires 501A retainer.
CR180811885	6035	P2/P3** Particulate Rectangular White Filter
CR180811893	6038	P2/P3** Particulate Rectangular HF with Nuisance OV/AG
70071486180	2125	P2 Particulate Disc Filter
70071486206	2135	P2/P3** Particulate Disc Filter
70071486198	2128	GP2 Particulate, Ozone & Nuisance Level OV/AG Disc Filter
70071486214	2138	GP2/P3** Particulate, Ozone & Nuisance Level OV/AG Disc Filter
70070757912	2076	P2HF Particulate & Hydrogen Fluoride Disc Filter

** Provides P3 protection only with 3M Full Facepiece Respirators. Provides P2 protection with half facepiece respirators.

3M™ Bayonet Gas and Vapour Cartridge Series

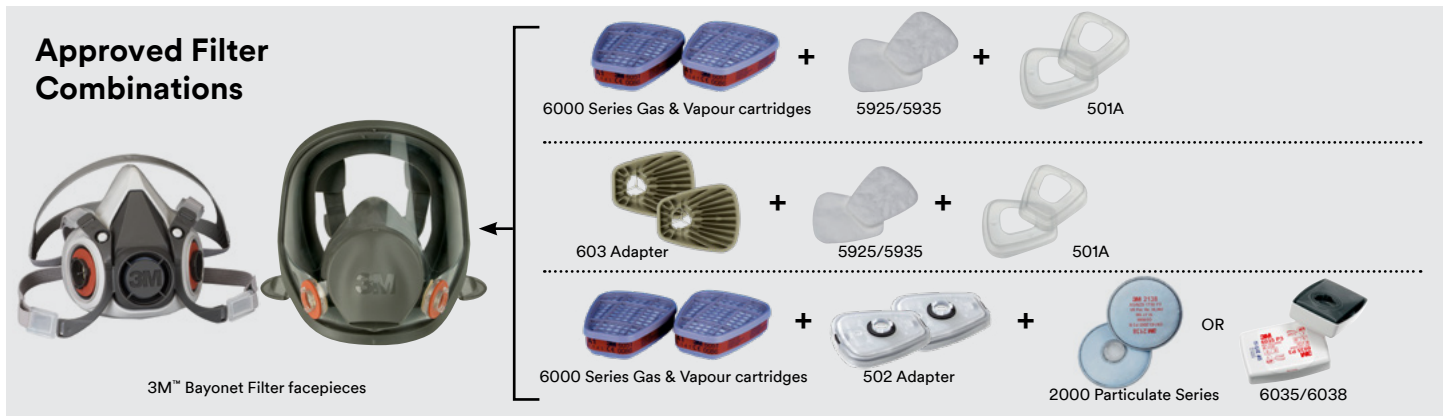


3M Order Code	Model #	Description
UU006790313	6051	A1 Organic Vapour >65 degrees celsius boiling point
GT500084048	6055	A2 Organic Vapour >65 degrees celsius boiling point
UU006790354	6057	A1B1E1 Organic Vapour (>65 degrees celsius boiling point)/Acid Gas Cartridge
AT010561440	6054	K1 Ammonia/Methylamine Cartridge
UU006790370	6075	A1 Organic Vapour (>65 degrees celsius boiling point) & Formaldehyde Cartridge
UU006790362	6059	A1B1E1K1 Multi Gas Organic Vapour (>65 degrees celsius boiling point), Acid Gases and Ammonia cartridge
70071695228	6096	A1E1HgP3 Organic Vapour (>65 degrees celsius boiling point)/Acid Gas/Mercury/Particulate Cartridge
70070709483	60926	A1B1E1K1 FormHF/P3 Multi Gas Organic Vapour (>65 degrees celsius boiling point), Acid Gases, Ammonia, formaldehyde and hydrogen fluoride cartridge and particulate
70071617974*	6098	AXP3 Organic Vapour <65 degrees celsius boiling point & Particulates. For use with Full facepiece only
70071695210*	6099	A2B2E2K2HgP3 + Form Multigas Organic Vapour (>65 degrees celsius boiling point), Acid Gases, Ammonia, formaldehyde and hydrogen fluoride cartridge and particulates.

* Use with Full facepiece only



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** | sls.3m.com



Reusable Respirators

DT-Series Filters and Cartridges

Particulate Protection Only

Gas & Vapour Protection Only



DT-1135E P3



DT-4001E A2

Combined Particulate + Gas & Vapour Protection



DT-4031E A2P3



DT-4035E A2B2P3



DT-4047E AXP3



DT-4036E A2B2E1P3



DT-4045E A2B2E2K2-P3



DT-4046E A2B2E2K2HgP3

Pre-Filters and Accessories



SS-6601



SS-6600



SS-6607



SS-6603

Suitable facepieces for DT-Series Filters and Cartridges



FF-300

Export controlled product. Document required to be signed upon purchase.



FF-600



FF-600F

3M Order Code	Model #	Description
UU011502539	DT-1135E	DT-Series DT-1135E PF10 P3**
UU011546916	DT-4001E	DT-Series DT-4001E GF22 A2
UU011502554	DT-4031E	DT-Series DT-4031E CF22 A2-P3**
UU011502570	DT-4035E	DT-Series DT-4035E CF22 A2B2-P3**
UU011502596	DT-4045E	DT-Series DT-4045E CF32 A2B2E2K2-P3** For use with Full Face facepiece only
XP100547460	DT-4045E	DT-Series DT-4045E CF32 A2B2E2K2-P3** Foil Bag. For use with Full facepiece only
UU011502588	DT-4046E	DT-Series DT-4046E CF32 A2B2E2K2Hg-P3** For use with Full facepiece only
UU011546965	DT-4047E	DT-Series DT-4047E CF32 AX-P3** For use with Full Face facepiece only
UU011507462	DT-4036E	DT-Series DT-4036E CF22 A2B2E1-P3**
UU010979753	SS-6601/SC-6601	Pre-Filter Pack for DT-Series filters. Includes 6 x SS-6600 prefilters and 2 x SS-6602 prefilter holders
UU010979779	SS-6600/SC-6600	DT-Series Prefilter 20EA/Pack
XP100544442	SS-6607/SC-6607	DT-Series Filter Covers Orange Polyethylene 2EA/PK
XP100218930	SS-6603 (5052694)	Filter Shower Cover to suit DT-Series Filters

**Provides P3 protection only with 3M Full Face Respirators. Provides P2 protection with half face piece respirators.

The importance of monitoring 3M™ Gas Diffusion Monitors.

Knowing the specific contaminant and exposure levels is important to determine the appropriate respirator, and cartridge or filter for your work environment. This information will also help in estimating the life of selected 3M™ Gas and Vapour Cartridges. If exposure levels are not known, advice and monitoring is required.

While 3M™ does not carry out exposure assessments or monitoring, we do offer 3M™ Gas Diffusion Monitors (below) which can be a useful starting point. 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 exposure to workplace contaminants, both personal and background. These monitors are easy to use and simply clip onto the shirt, collar or pocket (in the breathing zone of the worker). Contact the 3M™ TechAssist Helpline for further information on chemicals which can be captured and approved laboratories for monitor analysis.

3M™ Organic Vapour Monitor 3500+

3M™ Organic Vapor Monitor 3500+ is a cost-effective and convenient way to perform personal air sampling for many organic vapors.

3M™ Organic Vapor Monitor 3500+ uses diffusion, rather than a pump, to collect an air sample with an accuracy of +/-25%, at a 95% confidence level for many workplace organic vapors, for both personal or area sampling. It contains a single charcoal sorbent wafer for easy collection of organic vapors and can be used for most applications. This monitor has a 2-year shelf life from its production date.



3M™ Formaldehyde Monitor 3721+

3M™ Formaldehyde Monitor 3721+ is a cost-effective and convenient way to perform personal air sampling for formaldehyde and certain other aldehydes.

3M™ Formaldehyde Monitor 3721+ uses diffusion, rather than a pump, to collect an air sample with an accuracy of +/-25% at a 95% confidence level for certain aldehydes found as workplace contaminants. It has fiberglass coated with 2,4-dinitrophenylhydrazine (DNPH) for easy collection of aldehydes and is typically used in health care, laboratories, and in the chemical, pulp/paper, foundry and textile industries. This monitor has a 1-year shelf life from its production date.



3M™ Ethylene Oxide Monitor 3551+

3M™ Ethylene Oxide Monitor 3551+ is a cost-effective and convenient way to perform personal air sampling for ethylene oxide.

3M™ Ethylene Oxide Monitor 3551+ uses diffusion, rather than a pump, to collect an air sample with an accuracy of +/-25% at a 95% confidence level. It has a single treated charcoal sorbent wafer for easy collection of ethylene oxide and is typically used in pharmaceutical, health care and chemical industries. This monitor has a 1-year shelf life from its production date.



3M™ Organic Vapour Monitor 3501+, High Sampling Rate

3M™ Organic Vapor High Sampling Rate Monitor 3501+ is a cost-effective and convenient way to perform personal air sampling for low levels of organic vapors and short term exposure limit (STEL) sampling.

3M™ Organic Vapor High Sampling Rate Monitor 3501+ uses diffusion, rather than a pump, to collect an air sample with an accuracy of +/-25%, at a 95% confidence level for many workplace organic vapors, for both personal or area sampling. It contains 562 sampling ports to generate high sampling rates and is designed to detect organic vapors at low concentrations or during short-term (STEL) sampling when low detection limits are important.



This monitor has a 2-year shelf life from its production date.

3M Order Code	Model #	Description
70071765252	3500+	Organic Vapour Monitor
70071765286	3501+	Organic Vapour High Sampling Monitor
70071765310	3551+	Ethylene Oxide Monitor
70071765344	3721+	Formaldehyde Monitor

Monitors must be received by the testing Laboratories within the recommended holding time between sampling and lab analysis. Contact your testing laboratory for their specific laboratory request form.

3M Science.
Applied to Life.™



Fit Testing

It's more than just products, it's knowing how to wear them that helps bring you home safely at the end of your workday.

Why is fit testing so important?

The biggest contributor to reduced respiratory protection is poor fit. Checking that a respirator, with a tight fitting facepiece provides an adequate seal to the wearer's face has long been considered best practice as part of a general Respiratory Protection Program.

Reflecting this, a fit test for wearers tight fitting facepieces is required for compliance to AS/NZS 1715:2009. Respirators with tight fitting facepieces include disposable respirators, half and full-face respirators, including those that form part of a powered or air-fed respirator.

Fit testing should be carried out:

- Before the respirator is issued
- On all wearers of respirators with tight fitting facepieces where fit testing has previously not been performed

Fit testing should be repeated at appropriate times such as:

- If the wearer significantly loses or gains weight, has major dental work or sustains a major facial injury
- If a different size or model of Respiratory Protective Equipment (RPE) is specified
- Annually or when specified by the company policy e.g. during a health surveillance check
- Fit testing is in addition to performing a self-fit check. Prior to entering the contaminated area, at each use, the wearer should carry out a self-fit check to test the respirator fit.

There are two main methods of fit testing available:

- Qualitative fit testing (Aerosol Taste Test ATT)
- Quantitative fit testing (Ambient Aerosol Condensation Nuclei Counter (CNC) and Controlled Negative Pressure (CNP))

You can contact 3M for qualitative and quantitative fit testing advice. During both methods of testing, it is essential that the person is free from facial hair and other items that may interfere with the face seal.

Wearers with facial hair or stubble (even a day's growth) must not wear a respirator which has a tight fitting facepiece. All tests require a series of exercises to be performed during the fit test. Manufacturer's instructions for the test equipment should be followed at all times.

A record of the result of the test should be generated and retained for at least 5 years. Some schools of thought consider these records to be identifiable to an individual and related to health controls; in which case records may need to be kept for 40 years. Check with your local regulatory authorities to determine their requirements.

Tight Fitting positive pressure facepiece e.g. Full facepiece on a PAPR or Self Contained Breathing Apparatus are also required to be fit tested with a Quantitative fit test method i.e. not the FT-10/FT-30 Qualitative kits. However when being fit tested the facepiece must be converted into a negative pressure facepiece irrespective of the mode it is used in on the job.

For more information on the requirements of Fit Testing, refer to the AS/NZS 1715:2009 & ISO 16975-3.

3M™ Qualitative Fit Test Kits

Conduct a fit test to ensure that a respirator with a tight fitting facepiece provides an adequate seal to the wearer's face.

The 3M Qualitative Fit Test apparatus FT-10 and FT-30 are designed for fit testing disposable respirators and half face reusable respirators fitted with particulate or combination gas/vapour and particulate filters.

Features and Benefits:

- Offers a convenient method for performing qualitative fit testing
- No calibration of equipment required
- No modification of facepiece required
- Training resources available, please contact your local 3M representative for more information
- Each kit contains a hood and collar assembly, two nebulisers, sensitivity solution, test solution and detailed instructions
- Replacement solutions and accessories can be purchased separately
- Available with Sweet (FT-10) or Bitter (FT-30) solutions



3M are proud to be an official supporter of the Australian Institute of Occupational Hygienists (AIOH) RESP-FIT respirator fit testing training and accreditation program. RESP-FIT main objective is to improve respirator fit tester competencies in Australia. They have developed a training course syllabus that training providers can develop their course against. They have also developed an accreditation process for fit testers to go through as an external assessment process as evidence of their competence. They also list fit test service providers who employ accredited fit testers. Visit www.respfit.org.au for further information.



What respiratory protective devices require fit testing?

All tight fitting facepieces (negative and positive pressure) must be fit tested to the wearer. Positive pressure facepieces are fit tested under negative pressure mode.

Loose fitting headtops connected to a PAPR unit or supplied air regulator do not require fit testing.

AS/NZS 1715 and ISO 16975-3 recommend fit testing is to be conducted annually.

Fit testing required

Example of, but not limited to, styles and combinations that require fit testing



QNFT Fit Test Adaptors

For reusable facepieces, different fit test adaptors are required for the different filter connection types using the quantitative fit test methodology. Some fit test adaptor examples are shown here.



Fit testing NOT required

Examples of, but not limited to, loose fitting headtops and PAPR unit/supplied air combinations that DO NOT require fit testing



Qualitative Fit Test (QLFT) Aerosol Taste Test (ATT) Kit and Accessories

- The 3M™ Qualitative Fit Test Kit is designed for fit-testing any negative pressure respirator e.g. 3M™ Disposable and Reusable Half Face Respirators.
- Each 3M™ Qualitative Fit Test Apparatus Kit contains: a laminated instruction booklet, sensitivity solution, fit test solution, two nebulisers, one hood, one collar assembly and two sets of replacement nebuliser inserts.
- 3M™ offers two Qualitative Fit Test Apparatus Kits FT-10 (Sweet) and FT-30 (Bitter). FT-10 uses a test solution of sodium saccharin that produces a sweet tasting aerosol. FT-30 uses a test solution of denatonium benzoate to produce a very bitter taste.
- Each kit is estimated to fit test approximately 150 people before replacement bottles may be required. This number will vary depending on the sensitivity and fit test solution top up sprays required for those being fit tested.
- NOT suitable to fit test full facepiece respirators



Accessories



FT-11/FT12



FT-13



FT-14



FT-15



FT-31/FT-32

3M Order Code	Model #	Description
70070121515	FT-10	3M™ Qualitative Fit Test Apparatus Kit FT-10, Sweet (Saccharin) – Kit contains 1 x FT-11 Sweet Sensitivity Solution 55ml, 1 x FT-12 Sweet Fit Test Solution 55ml, 2 x FT-13 Nebuliser, 1 x FT-14 Hood, 1 x FT-15 Collar & laminated user instructions
70070121457	FT-11	3M™ Sensitivity Solution FT-11, Sweet (Saccharin). Red label text
AT019167397	FT-12	3M™ Fit Test Solution FT-12, Sweet (Saccharin). Black label text
70070121473	FT-13	3M™ Fit Test Nebuliser FT-13
70070121481	FT-14	3M™ Fit Test Hood FT-14
70070121499	FT-15	3M™ Fit Test Collar FT-15
70070709640	FT-30	3M™ Qualitative Fit Test Apparatus Kit FT-30, Bitter (Bitrex) – Kit contains 1 x FT-31 Bitter Sensitivity Solution 55ml, 1 x FT-32 Bitter Fit Test Solution 55ml, 2 x FT-13 Nebuliser, 1 x FT-14 Hood, 1 x FT-15 Collar & laminated user instructions
AT010587395	FT-31	3M™ Sensitivity Solution FT-31, Bitter (Bitrex). Red label text
AT010587403	FT-32	3M™ Fit Test Solution FT-32, Bitter (Bitrex). Black label text

Fit testing at your fingertips.

Introducing the 3M™ Wear it Right App.

The 3M™ Wear it Right App makes the task of qualitative fit testing less tedious with the tap of a button. Grab your 3M™ Fit Test Kit, download the app, and you'll be ready to experience convenient digital data recording. Test both half face reusable and disposable respirator wearers.

The app supports multiple types of fit tests and has modes for both beginner and experienced fit testers. Users follow consistent fit test protocols at every step of the process, helping to ensure accurate results.



Digital gets it done.

Streamline your fit testing program with the 3M™ Wear it Right App.

Helps fit testers and wearers follow the exact fit test protocol at every step of the process.



Compliance, confidence and convenience

The app is preloaded with OSHA & ISO QLFT-ATT fit test protocols to help ensure testing requirements are consistently met* and provides easily accessible fit testing records.



Go Paperless

Often times, the fit test process relies on paper recordkeeping. The app digitizes the fit test process, eliminating the need to track manually.



Easy Recordkeeping

The app acts as a digital data record and supports importing wearer details and exporting fit test records.

All data collected is stored locally on the specific iPad being used**.



Versatile

Tests both half facepiece reusable respirator and disposable respirator wearers.



Step-by-Step Instructions

Helps users follow fit test protocol with prompts for each step of the process to help ensure tests are performed correctly.



Training on Demand

The app provides self-guided, in-depth instructions to make it easy for new fit testers to hit the ground running while helping both testers and wearers understand why fit matters.



2 Modes, 1 App

The app has two modes—one for fit testers who need less step by step guidance and one for those who prefer more detailed guidance.



[Download the app now on iOS.](#)



[Download the app now on Google Play.](#)

Scan the QR code to download your free 3M™ Wear it Right App from the iOS or Google Play store.

*It is the responsibility of each user to understand the local specific fit testing standards. If any questions arise, 3M recommends users to refer to the standard as this app is not a substitute for knowledge of applicable standards and regulations.

**Should the app be deleted, or should the device be damaged beyond fixing, the collected data will be lost. 3M recommends users to routinely export the collected data, as 3M doesn't have access to local app data.

Fit Testing

Quantitative Fit Test (QNFT) Condensation Nuclei Counter (CNC) Adapters



3M Order Code	Model #	Description
70070406544	601	QNFT-CNC Fit Test adapter for 3M Bayonet facepieces (Half facepiece - 6000, 6500QL & 7500. Full facepiece - 6000 & FF-400)
UU009620905	HF-800-03	QNFT-CNC Fit Test adapter for HF-800SD Half Face
UU011580360	SC-6611 (RXFTA/STAN)	QNFT-CNC Fit Test adapter for FF-300, FF-600, FF-600F Full Facepieces
XP100100492	2003468	QNFT-CNC Fit Test adapter for Scott Fire & Safety SCBA face pieces
70071765724	FF-800-06	3M™ Secure Click™ Quantitative Fit Test Adapter Kit, FF-800-06, 1 EA/Case





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