BUNZL

safety & lifting

FOR SAFE
WORKING LIVES

1 RESPIRATORY PROTECTION

CATALOGUE **VOL2**


MACK
P2
AS/NZS 1716:2012

RESPIRATORY PROTECTION 1

IN AUSTRALIA AND NEW ZEALAND WORKPLACE STRATEGIES TO ENSURE WORKERS SAFETY

are an important part of an employers duty of care for all employees. Respiratory hazards in the workplace are considered serious business and knowing how to use adequate protection is crucial for all.

THE IMPORTANCE OF RESPIRATORY PROTECTION

INHALING HAZARDOUS MATERIALS CAN DAMAGE THE DELICATE STRUCTURES OF THE RESPIRATORY SYSTEM, AND IF HAZARDOUS PARTICULATES REACH THE LUNGS, THEY CAN DAMAGE TISSUE AND CAUSE SERIOUS ILLNESSES.

Each workplace will have its own safety challenges and hazards, and as a result will require an assessment to determine whether respiratory protective equipment is needed. Ideally, control methods should also be in place to ensure exposure to harmful substances is kept to a minimum.

RESPIRATORY PROTECTIVE EQUIPMENT SELECTION

When selecting the correct respiratory protection, the first step is to determine the level of hazard that is posed by the environment.

HARMFUL SUBSTANCES MAY PRESENT ITSELF IN MANY FORMS INCLUDING:

TYPE	DESCRIPTION
DUSTS	Formed whenever solid material is broken down into smaller particulates. Dust may be generated by mechanical means. E.g. drilling, sawing and grinding
MISTS AND SPRAYS	Very small droplets of liquid materials suspended in the air
SMOKE	Particulates of low vapour pressure suspended in the air, produced by the incomplete combustion of any material that has carbon in it
FUMES	Particulates forming an airborne suspension. Fuming is usually caused whenever a metal, plastic or polymer is subjected to a high heat e.g. welding and soldering operations
GAS	A substance which is like air – it is neither a solid or liquid, they are materials that become airborne at room temperature. Gases may have an odour, but many do not, and can travel long distances undetected
VAPOUR	A substance that is created when a solid or liquid material evaporates, at room temperature e.g. solvents and gasoline

RESPIRATORY STANDARDS

AS/NZS 1716:2012 RESPIRATORY PROTECTIVE DEVICES

This Standard specifies requirements for Respiratory Protective Devices (Respirators) intended to provide protection against atmospheres containing substances that may be harmful if breathed and atmospheres that may be deficient in oxygen.

There are two major categories of respirators. Supplied Air Respirators (SAR's) and Air Purifying Respirators (APR's). The most commonly used are of the type that purifies the air, called Air Purifying Respirators (APR's) .

APR's are most commonly known as:

DISPOSABLE RESPIRATORS

Single use, designed to be discarded after use. Disposable respirators are maintenance free and have no spare parts. They provide protection against dusts, mists and fumes. Application includes sawing, grinding, welding fume and bushfire smoke. Available in **P1** (particulates generated by mechanical processes e.g. grinding, sanding) or **P2** (particulates generated by mechanical and thermal processes e.g. welding).

REUSABLE RESPIRATORS

Available in half and full-face styles and come with a range of colour coded filters for different application. Half face masks provide protection against dusts, mists, fumes, gases and vapours by using specific filters. Applications include: painting, grinding, printing and mining. Full face respirators provide higher levels of respiratory protection and/or where eye or face protection is required. Industries where full face respirators are commonly used include the chemical, petroleum, steel and pharmaceutical industries.

PAPR (POWERED AIR PURIFYING) RESPIRATORS

These are an air purifying respirator (ARP), however there is a positive pressure through a continuous flow of filtered ambient air. PAPR's are used when extended wear times are necessary. Industries commonly using PAPR's include pharmaceutical, food manufacturing and foundries.

NOTE: APR's are not suitable for use in oxygen deficient atmospheres, confined spaces or atmospheres that are immediately dangerous to life or health (IDLH). Only SCBA's or Combination SCBA/airline can be used in an IDLH environment.

AIR SUPPLIED RESPIRATORS

Respirators that provide the user with clean air from a source independent of the ambient atmosphere, either via a compressor through a filtering system or stored as high-pressure air in cylinders. These types of respirators include: airline respirators; Emergency Escape Breathing Apparatus, and Self-contained breathing apparatus (SCBA).

FILTERING THE ENVIRONMENT

Contaminants are encountered in different forms, presenting either a particulate or gaseous/vapour hazard or both.

Depending on the combination of cartridge/filter and respirator, different levels of protection may be achieved. The higher the protection factor, the greater the reduction in exposure to airborne contaminants for the wearer.

Different filters are required to protect against particulates, specific gases or a combination of both.

TYPES OF PARTICULATE FILTERS

CLASS	COLOUR	APPLICATION
P1	White	Particulates generated by mechanical processes e.g. grinding, sanding
P2	White	Particulates generated by mechanical and thermal processes e.g. welding
P3	White	All particulates including highly toxic materials. Used when a higher protection factor is required, however only used in combination with a full-face respirator

Particulate filters should not be worn when oxygen levels are not guaranteed to be > 19.5%; for capture of gases and vapours; when the airborne particulate contaminant concentrations are very high, and when Government regulations require use of airline or other specific type of respirator for specific applications.

GAS & VAPOUR FILTERS

FILTER	COLOUR	MAIN FIELD OF APPLICATION
AX		Organic Vapours (boiling point < 65°C)
A		Organic Vapours (boiling point > 65°C)
B		Acid Gases
E		Inorganic Gases
K		Ammonia
Hg		Mercury
G		Organic Compounds with low vapour pressure

Gas and vapour filters must not be used when oxygen level are not guaranteed to be > 19.5%, for capture of particulate e.g. dusts, mists fumes or fibres, when airborne gas and vapour contaminant concentrations are very high, when spraying materials contains isocyanates, where the contaminants present cannot be captured by the gas and vapour filter, when regulations require use of airline or specific type of respirator for certain applications.

FIT TESTING

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 covered under AS/NZS 1715:2009 section 2.6. 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, and 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 sustain a major facial injury
- If a different size or model of Respiratory Protective Equipment (RPE) is specified
- At least 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 each use as a determination of suitable fit

FIT TESTING METHODS:

QUALITATIVE FIT TESTING – Pass or fail assessment conducted to ensure that a respirator with a tight fitting facepiece provides an adequate seal to the Wearer's face.

QUANTITATIVE FIT TESTING – An assessment of adequacy of respirator fit that uses numerical measurements of the amount of leakage into the respirator.

Bunzl Safety & Liftingcan provide advice and support on the use of 3M Respirator Fit Check Test Kits.

CARE AND MAINTENANCE

ALL RESPIRATORY PROTECTION EQUIPMENT NEEDS TO BE IN GOOD CONDITION TO WORK SAFELY AND EFFECTIVELY. CORRECT CLEANING AND MAINTENANCE OF RESPIRATORS IS AN IMPORTANT AREA THAT IS COMMONLY OVERLOOKED.

After using a respirator, you should clean and inspect it. Be sure to look for: cracks, chips or holes in the breathing tube or airlines, worn or frayed straps; worn or damaged fittings, bent or corroded buckles, or improperly seated valves. If you notice any of these abnormalities, have it repaired or replaced immediately.

WHY CHANGE YOUR CARTRIDGE AND FILTERS?

Continuous use of cartridges when the filter has reached their capacity, will hinder protection. Gases and vapours can pass immediately to lungs, and from there, they can be absorbed into your bloodstream, causing internal damage.

Particulate filters will keep removing contaminants, but will become harder to breathe through, increasing discomfort. Dusts, fumes and mists can irritate the nose, throat and upper respiratory system. Some particulates, depending on their size and type, can pass through to your lungs, where they can damage tissue and increase chances of a more serious health hazard.

QUICK GUIDE FOR CLEANING REUSABLE RESPIRATORS

STEP 1

Remove cartridges or filters

STEP 2

Disassemble and immerse the respirator in warm water less than 50°C. You may also use a neutral detergent.

STEP 3

Wipe or scrub with a soft brush until clean.

STEP 4

If required, disinfect the respirator by soaking in household bleach for two minutes (30ml of bleach in 7.5L of water).

STEP 5

Rinse in fresh warm water and air dry in a clean area.

STEP 6

Check the respirator components prior to reassembly. A respirator with any damaged or deteriorated components must be repaired or discarded.

STEP 7

Store the respirator and cartridges or filters in an airtight container to avoid further moisture and contaminant exposure.

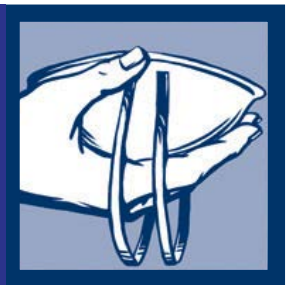
FITTING INSTRUCTIONS

FOR DISPOSABLE RESPIRATORS

For correct fitting instructions for re-useable respirators, please refer to the manufacturer's data sheets.

STEP 1

Hold the respirator in one hand with nose-piece at your fingertips, allowing the head straps to hang freely below your hands.



STEP 2

Place the respirator against your face with the nose-piece on the bridge of your nose.

STEP 3

Place the top strap high on the back of your head. Move the bottom strap over your head and position it below your ears.

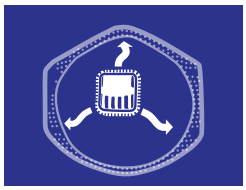
STEP 4

Use both hands to mould the nose-piece to the shape of your nose for a secure, comfortable fit.

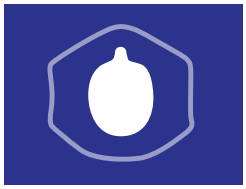
STEP 5

Test to fit. Cup your hands over the respirator and exhale strongly. If air flows around your nose, tighten the nose-piece. If air escapes around the edges, reposition the straps for a better fit.

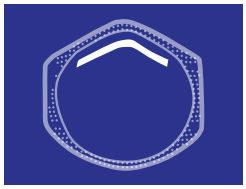
ADDITIONAL FEATURES GUIDE



FRONTIER MODELS WITH VALVE:
The 360° exhalation valve considerably reduces breathing resistance and build-up of heat and moisture in the mask.



COMFORT SEALING LIP
The soft sealing lip guarantees a secure, comfortable sealed positioning of the mask.



COMFORT NOSE CLIP
The mask is fitted with a high-quality nose clip making it individually adjustable.

CARBON INSIDE OUR FRONTIER CARBON ACTIVATED MASK
The additional activated carbon layer incorporated in the filter material reduces unpleasant odours.

DOUBLE NON-LATEX HEADBAND
For a secure, allergy free fit on all models except the nuisance mask.

DISPOSABLE RESPIRATORS

FRP2CNV FRP2CV

P2 CUP RESPIRATORS

FEATURES AND BENEFITS

- Industrial quality grade materials
- Provides P2 protection against mechanically and thermally generated particles
- Twin elastic headband and adjustable straps for a secure fit
- Cup structure provides strength and resistance to flattening
- Lightweight disposable single use
- Adjustable nose bridge allows snug fit

STANDARDS
AS/NZS 1716:2012

CODE	CLASS	STYLE	PACK QTY	CTN QTY
FRP2CNV	P2	Non-Valved	20	240
FRP2CV	P2	Valved	10	120

P2 MOULDED CUP RESPIRATOR

FEATURES AND BENEFITS

- Industrial quality grade materials
- Provides P2 protection
- Pre-shaped nose cushion, adjustable nose bridge and contoured face seal provides a comfortable and secure fit
- Highly efficient exhalation valve for improved breathing
- Twin elastic headband and adjustable straps for a secure fit
- Ultrasonic bonded headbands (no staples)

STANDARDS
AS/NZS 1716:2012

CODE	CLASS	STYLE	PACK QTY	CTN QTY
FRP2MCV	P1	Valved	10	120

FRP2FNV FRP2FV

3M8210 3M8822

P2 FLAT FOLD RESPIRATORS

FEATURES AND BENEFITS

- Lightweight disposable single use mask
- Cup structure provides strength and resistance to flattening
- Bonded head bands - no staples
- Full face seal - adjustable nose bridge allows snug fit
- Valve offers cooling in warm hot conditions

STANDARDS
AS/NZS 1716:2012

CODE	CLASS	STYLE	PACK QTY	CTN QTY
FRP2FNV	P2	Non-Valved	20	400
FRP2FV	P2	Valved	10	200

P2 CUP RESPIRATORS 8000 SERIES

FEATURES AND BENEFITS

- Welded straps for use in industries that must comply with staple-free respirators
- Made from 3M™ Advanced Electret Filter Material for effective filtration with low breathing resistance
- Lightweight construction for added comfort
- Moulded nose clip helps reduce eyewear fogging and a better seal and fit
- Proprietary 3M™ Cool Flow™ exhalation valve helps remove hot exhaled air

STANDARDS
AS/NZS 1716:2012

CODE	CLASS	STYLE	PACK QTY	CTN QTY
3M8210	P2	Non-Valved	20	8
3M8822	P2	Valved	10	24

P2 CUP RESPIRATOR 8300 SERIES

FEATURES AND BENEFITS

- Proprietary 3M™ Cool Flow™ exhalation valve helps remove hot exhaled air
- Made from 3M™ Advanced Electret Filter Material for effective filtration with low breathing resistance
- Coloured straps for easy identification of protection class (blue for P2)
- Does not contain components made from natural rubber latex
- Moulded nose clip helps reduce eyewear fogging and a better seal and fit

STANDARDS
AS/NZS 1716:2012

CODE	CLASS	STYLE	PACK QTY	CTN QTY
3M8322	P2	Valved	10	8

P2 & GP2 CUP RESPIRATORS ORGANIC VAPOURS

FEATURES AND BENEFITS

- Activated carbon layer reduces exposure to nuisance levels* of organic vapours and odours, e.g. diesel particulate matter and unburned fuel vapour
- Type 'G' class rating suitable for low vapour pressure (below 1.3 Pa @ 25°C) of many agricultural chemicals
- Proprietary 3M™ Cool Flow™ exhalation valve helps remove hot exhaled air
- Adjustable, non-aluminium nose clip specifically for use in flammable atmosphere e.g. coal mines
- Individually wrapped for protection from contamination prior to use

STANDARDS
AS/NZS 1716:2012

CODE	CLASS	STYLE	PACK QTY	CTN QTY
3M9923V	P2	Valved	10	6
3M8577	GP2	Valved	10	6
3M9542V	P2	Valved	25	10

* Nuisance levels are those levels below the Safe Work Australia Exposure Standards

P2 CUP RESPIRATOR ACID GAS

FEATURES AND BENEFITS

- Activated carbon layer helps reduce exposure to nuisance levels* of acid gas, such as, sulphur dioxide and hydrogen fluoride
- Proprietary 3M™ Cool Flow™ exhalation valve helps remove hot exhaled air
- Moulded nose clip helps reduce eyewear fogging and a better seal and fit
- Dual straps for even pressure on neck, face and head that improves comfort

STANDARDS
AS/NZS 1716:2012

CODE	CLASS	STYLE	PACK QTY	CTN QTY
3M9926ANZ	P2	Valved	10	6

* Nuisance levels are those levels below the Safe Work Australia Exposure Standards

P2 CUP WELDING RESPIRATOR

FEATURES AND BENEFITS

- Activated carbon layer filters out ozone, welding fumes and nuisance odours
- Deep loading and flame retardant (not a substitute for a face shield)
- Cake resistant filter reduces particulates on filter surfaces
- Fully adjustable heavy duty head straps

STANDARDS
AS/NZS 1716:2012

CODE	CLASS	STYLE	PACK QTY	CTN QTY
3M8214	P2	Valved	10	8

DISPOSABLE RESPIRATORS

3M9320A 3M9322A

P2 FLAT FOLD RESPIRATORS 9300A+ AURA SERIES

FEATURES AND BENEFITS

- Three panel design, sculpted nose panel, and soft inner cover moulds comfortably to face
- Low breathing resistance filter technology for easier breathing
- Flat fold is easy to store when not in use
- Embossed top panel helps reduce fogging of eyewear
- Proprietary 3M™ Cool Flow™ exhalation valve helps remove hot exhaled air

STANDARDS
AS/NZS 1715 Respiratory Protection / AS/NZS 1716:2012

CODE	CLASS	STYLE	PACK QTY	CTN QTY
3M9320A+	P2	Non-Valved	20	12
3M9322A+	P2	Valved	10	12

RTCFFP2 RTCFFP2V

P2 FLAT FOLD RESPIRATORS

FEATURES AND BENEFITS

- Three panel design provides structural integrity, form fit seal and optimal comfort
- Multilayer technology provides protection against mechanically and thermally generated particulates including: dusts, mists, fumes and smoke
- Proprietary adjustable foam nose pad to ensure consistent optimum facial seal and reduced fogging of eyewear
- Specialised TRIDENT® respirator seal attains unrivalled PortaCount® fit testing results

STANDARDS
Certified P2 / AS/NZS 1716:2012 / ID No. BMP 732382
EN 149:2001 + A1:2009 / ID No. BMP 754423
AS 4381:2015 Level 3 / ID No. BMP 737354 (non valved only)

CODE	CLASS	STYLE	PACK QTY	CTN QTY
RTCFFP2	P2	Non-Valved	20	24
RTCFFP2V	P2	Valved	20	12

P2 CARBON FLAT FOLD RESPIRATOR

FEATURES AND BENEFITS

- Activated carbon filters and reduces exposure to nuisance* level organic vapours and odours
- Fibrous activated carbon maintains lower breathing resistance while providing effective filtration enhancing wearer comfort
- Three panel design provides structural integrity, form fit seal and optimal comfort
- Proprietary adjustable foam nose pad to ensure consistent optimum facial seal and reduced fogging of eyewear

STANDARDS
Certified P2 / AS/NZS 1716:2012 / BMP 732382

CODE	CLASS	STYLE	PACK QTY	CTN QTY
RTCFFPC	P2	Valved	20	12

* Nuisance levels are those levels below the Workplace Exposure Standard

REUSABLE RESPIRATORS

HALF FACE RESPIRATOR 7500 SERIES

FEATURES AND BENEFITS

- 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 reduced breathing resistance

STANDARDS
AS/NZS 1716:2012

CODE	SIZE	PACK QTY	CTN QTY
3M7501	Small	1/Box	10
3M7502	Medium	1/Box	10
3M7503	Large	1/Box	10

HALF FACE RESPIRATOR 6000 SERIES

FEATURES AND BENEFITS

- Simple and lightweight reusable respirator
- Cradle head harness and easy to fasten neck strap
- Thermoplastic Elastomer (TPE) facepiece
- Flexible system for use with 3M™ gas, vapour and particulate cartridges and filters

STANDARDS
AS/NZS 1716:2012

CODE	SIZE	PACK QTY	CTN QTY
3M6100	Small	1/Box	8
3M6200	Medium	1/Box	8
3M6300	Large	1/Box	8

HALF FACE RESPIRATOR 6500QL SERIES QUICK LATCH

FEATURES AND BENEFITS

- Quick latch drop down mechanism for easy on and off
- No need to remove your safety helmet or facehshield when lowering or raising respirator
- Resilient silicone faceseal helps provide comfort, durability, and stability with a soft but firm seal
- Exhalation valve cover helps direct exhaled breath and moisture downward to reduce fogging of eyewear/shields

STANDARDS
AS/NZS 1716:2012

CODE	SIZE	PACK QTY	CTN QTY
3M6501QL	Small	1/Box	10
3M6502QL	Medium	1/Box	10
3M6503QL	Large	1/Box	10

SECURE CLICK™ HF-800SD HALF FACE REUSABLE RESPIRATOR

FEATURES AND BENEFITS

- Greater breathability and comfort provided by quad flow cartridge system
- Push button seal check helps ensure respirator is properly sealed to the face
- Speaking diaphragm helps provide easier communication
- Secure Click™ connection provides confidence that filters and cartridges are installed properly

STANDARDS
AS/NZS 1716:2012

CODE	SIZE	PACK QTY	CTN QTY
3MHF801SD	Small	1/Box	10
3MHF802SD	Medium	1/Box	10
3MHF803SD	Large	1/Box	10


3M
3M D3138
EN143:2000 P3 R
AS/NZS 1716 P3

REUSABLE RESPIRATORS

FULL FACE RESPIRATOR 6000 SERIES

FEATURES AND BENEFITS

- Lightweight, reliable and easy to use
- Soft, silicone face seal
- Large lens for excellent field of vision
- Four strap head suspension makes it easy to put on and take off

STANDARDS
AS/NZS 1716:2012

CODE	SIZE	PACK QTY	CTN QTY
3M6700	Small	1/Box	4
3M6800	Medium	1/Box	4
3M6900	Large	1/Box	4

SECURE CLICK™ FF-800 REUSABLE FULL FACE MASK

FEATURES AND BENEFITS

- Push button seal check helps ensure respirator is properly sealed to the face
- Greater breathability and comfort provided by quad flow cartridge system
- Large lens for excellent field of vision
- Six-strap harness helps provide a secure comfortable fit

STANDARDS
AS/NZS 1716:2012

CODE	SIZE	PACK QTY	CTN QTY
FF-801	Small	1/Box	4
FF-802	Medium	1/Box	4
FF-803	Large	1/Box	4

3M2125 3M2135 3M2128 3M2138 3M6035 3M6038

3M5925N

PARTICULATE FILTERS

FEATURES AND BENEFITS

- Made from 3M™ high performance filter media for effective filtration efficiency
- Suitable for use with 3M™ 6000/6500QL/7500 Series Half Face Respirators and 3M™ 6000/7000 Series Full Face Respirators
- 3M™ Bayonet Connection System ensures precise and secure locking

STANDARDS
AS/NZS 1716:2012

CODE	DESCRIPTION	CLASS	PACK QTY	BOX QTY	CTN QTY
3M2125	P2 Particulate Filter	P2	1 Pair		50
3M2128	P2 Dust / Mist / Nuisance Level Ov / Ag Disk Filter	GP2*	1 Pair		50
3M2135	P3 Dust/Mist Particulate Filter	P2/P3**	1 Pair		50
3M2138	P3 Dust / Mist / Nuisance Level Ov / Ag Disk Filter	GP2/GP3**	1 Pair		50
3M6035	P2 / P3 Premium Filter	P2/P3**	1 Pair/Tray	10 Trays	4 Boxes
3M6038	P2 / P3 Particulate Filter Nuisance Org / Vapour & Acid Gas	P2/P3**(HF)	1 Pair/Pack	10 Packs	4 Boxes
3M5925N	P2 Particulate Filter 3M 5925 10 Pr/Box	P2	1 Pair/Pack	10 Packs	4 Boxes
3M5935	Filter P3 pair	P3**	1 Pair/Pack	10 Packs	4 Boxes

REUSABLE RESPIRATORS

GAS & VAPOUR CARTRIDGES

FEATURES AND BENEFITS

- 3M™ Bayonet Connection System ensures precise and secure locking
- Suitable for use with 3M™ 6000/6500QL/7000 Series Half Face Respirators and 3M™ 6000/FF-400 Series Full Face Respirators

STANDARDS
AS/NZS 1716:2012

CODE	DESCRIPTION	CLASS	PACK QTY	CTN QTY
3M6051	Organic Vapours (b.pt.>65°C)	A1	1 Pair	30
3M6055	Organic Vapours (b.pt.>65°C)	A2	1 Pair/4pk	8
3M6054AMN	Ammonia And Methylamine	K1	1 Pair/4pk	8
3M6057	Organic Vapours (b.pt.>65°C), Inorganic and Acid Gases	A1B1E1	1 Pair	30
3M6059	Multi-Gas; Organic Vapours (boiling point >65°C), Inorganic And Acid Gases, Ammonia And Methylamine	A1B1E1K1	1 Pair	30
3M6075	Organic Vapours (b.pt.>65°C) and Formaldehyde	A1+Formaldehyde	1 Pair	30
3M6096	Organic Vapours (b.pt.>65°C) Mercury Vapour, Sulphur Dioxide & Particulates	A1E1HgP3**	1 Pair/2pk	8
3M6098	Low Boiling Point, Organic Vapour (b.pt.<65°C) And Toxic Particulates for use with full facepieces only	AXP3**	1 Pair/2pk	2
3M6099	Organic Vapours (b.pt.>65°C), Inorganic Gases, Acid Gases, Ammonia, Methylamine, Mercury And Particulates for use with full facepieces only	A2B2E2K2HgP3**+-Formaldehyde	1 Pair/2pk	8

SECURE CLICK™ FILTERS, CARTRIDGES AND SPARE PARTS

FEATURES AND BENEFITS

- Simple, quick Secure Click™ connection provides confidence that filters and cartridges are installed correctly
- Dual flow design of the cartridges allows for easier breathing
- Secure Click™ filters and cartridges can protect against a variety of contaminants, including particulates, organic vapours, and acid gases
- Lightweight with low breathing resistance
- Suitable for use with 3M™ HF-800SD Series Half Face Respirator and 3M™ FF-800Series Full Face Respirator

CODE	DESCRIPTION	PACK QTY	CTN QTY
3MFF80006	3M™ Secure Click™ FF-800-06 Quantitative Fit Test Adapter includes head harness assembly	1	1
3MXA0006514674	3M 102 Universal Spectacle Kit for 3M™ Full Facepieces FF-800, FF-400 and 6000 series	1	1
3M504	3M 504 Respirator Cleaning Wipes	1/Box	5
3MD3125P2000000	D3125 3M Secure Click™ Particulate Filter P2	1/Pair	10 Pairs
3MD3135P3000000	D3135 3M Secure Click™ Particulate Filter P3	1/Pair	10 Pairs
3MD3138P3000000	D3138 3M Secure Click™ Particulate Filter P3 With Nuisance Level OV/AG	1/Pair	10 Pairs
3MD701SFR000000	D701 3M Secure Click™ Filter Retainer	1	100
3MD7925P2000000	D7925 3M Secure Click™ Particulate Filter P2	1/Pair	10 Pairs
3MD7935P1000000	D7935 3M Secure Click™ Particulate Filter	1/Pair	10 Pairs
3MD8051A1000000	D8051 3M Secure Click™ Cartridge A1 With Dual Flow	1/Pair	10 Pairs
3MD8055A2000000	D8055 3M Secure Click™ Cartridge A2 with Dual Flow	1/Pair	10 Pairs
3MD8059A1000000	D8059 3M Secure Click™ Cartridge A1B1E1K1 With Dual Flow	1/Pair	10 Pairs
3MD8094A1000000	D8094 3M Secure Click™ Cartridge A1B1E1K1P3 With Dual Flow	1/Pair	10 Pairs
3MD8095P3000000	D8095 3M Secure Click™ Cartridge A2P3 with Dual Flow	1/Pair	10 Pairs
3MD9035P3000000	D9035 3M Secure Click™ Hard cover Particulate Filter P3	1/Pair	40
3MD9038P3000000	D9038 3M Secure Click™ Hard Case Particulate Filter P3 R, with Nuisance Level Organic Vapour/Acid Gas Relief	1/Pair	40

TRIDENT® HEXHALE® SILICONE HALF FACE RESPIRATOR

FEATURES AND BENEFITS

- Medical grade silicone tested to ISO 10993 for vitro cytotoxicity and skin sensitisation
- Optimum fit and comfort with three size adjustable head harness
- Lightweight with baseline of 118 grams (medium)
- Low profile design for use under face shields and welding helmets
- Easy positive seal check to ensure respirator seal

STANDARDS
Complies to AS/NZS 1716:2012 / BMP 795804

CODE	DESCRIPTION	SIZE	PACK QTY
RTC3000	Respirator TRIDENT® HEXHALE® Silicone Half Face	S-L	Each

TRIDENT® HEXHALE® SILICONE FULL FACE RESPIRATOR

FEATURES AND BENEFITS

- High impact visor compliant to AS/NZS 1337.1:2010
- Optimum comfort with 6 point silicone harness
- External and internal anti-fog coating
- Exceptional peripheral vision due to large lens
- Speaking diaphragm for clearer communication
- Medical grade silicone tested to ISO 10993 for vitro cytotoxicity and skin sensitisation

STANDARDS
Complies to AS/NZS 1716:2012 / AS/NZS 1337.1:2010 / BMP 795804

CODE	DESCRIPTION	SIZE	PACK QTY
RTC3100	Respirator TRIDENT® HEXHALE® Silicone Full Face	Unisize	Each

RTC3001 RTC3002 RTC3003 RTC3004 RTC3005

RTC3006

TRIDENT® HEXHALE® RESPIRATOR FILTERS

STANDARDS
BSI Certified AS/NZS 1716:2012 BMP: 795804

CODE	DESCRIPTION	PACK QTY
RTC3001	Respirator TRIDENT® HEXHALE® Hard Case P2/P3 Particulate with Nuisance Level Organic Vapour and Acid Gas Relief Filter	Pair
RTC3002	Respirator TRIDENT® HEXHALE® P2/P3 Prefilter Retainer (20 pieces/10pair)	Pair
RTC3003	Respirator TRIDENT® HEXHALE® P2/P3 Particulate with Nuisance Level Organic Vapour Relief Filter	Pair
RTC3004	Respirator TRIDENT® HEXHALE® Organic Vapour A2 Filter	Pair
RTC3005	Respirator TRIDENT® HEXHALE® Multi Gas Vapour A1B1E1K1 Filter	Pair
RTC3006	Respirator TRIDENT® HEXHALE® P2 Particulate PreFilter (10 pieces/5 pair)	10 pieces / 5 Pair

3M™ VERSAFLO™ POWERED AIR PURIFYING RESPIRATOR (PAPR) SYSTEMS

Many users of half and full facepiece respirators are taking a second look at powered and supplied air systems for reasons that go beyond mere compliance. 3M™ Versaflo™ Respirator Systems are a comprehensive approach to worker protection systems based on comfortable-to-wear modules.

INTEGRATED PROTECTION

Safety managers can configure modules and accessories to help protect users from a variety of combined hazards.

FLEXIBILITY

Each system has three easy-to-select modules - Select Headtop, Select Starter Kit and Select Filter. It is the ultimate in flexibility for handling changing user environments, needs, and comfort preferences.

ALL-DAY COMFORT

The benefits of a PAPR are:

- Protection factors up to 100+, based on the headtop and filter/ cartridge being used
- Good option if using for long periods by reducing the weight of a filter carried on a facepiece
- Helps prevent user fatigue with air moving around the head and face cooling the wearer
- Available with a wide range of open and closed head tops (hoods & facepieces).
- Respirators that rely upon positive air flow through a loosefitting headtop do not require face fit testing.

EXCELLENT AIRFLOW

3M™ Versaflo™ Head tops direct a comfortable stream of flowing air to where workers need it most: the head and face. The moving airflow can make hot environments more tolerable while greatly reducing visor fogging. And, when using the appropriate 3M™ Versaflo™ Supplied Air Regulator, the airflow can also be made cooler or warmer when working in hot or cold environments.

EASY-TO-MAINTAIN

Most replacement parts can be installed by hand or with common tools (like a screwdriver) in a matter of moments.

FOUR STEPS TO THE RIGHT RESPIRATOR

STEP 1
Choose your Air Delivery Unit

STEP 2
Choose your Headtop

STEP 3
Choose the appropriate Breathing Tube

STEP 4
Choose your options and accessories

PROTECTION AGAINST MULTIPLE HAZARDS

RESPIRATORY PROTECTION

EYE, FACE AND HEARING PROTECTION

HEAD PROTECTION, NECK/SHOULDER COVERAGE

VERSAFLO™ TRM-207C TR-300+ PAPR KIT

FEATURES AND BENEFITS

- TR-302E+ air filter unit
- M-207 headtop with flame resistant faceseal
- BT-30 breathing tube
- TR-970 air flow indicator
- TR-332 battery pack
- TR-341A single station battery charger
- TR-3712E PAPR-P3 particulate filter
- TR-371+ filter cover
- TR-3600 prefilter
- TR-362E spark arrestor
- TR-325 standard waist belt
- S1303-0166 padded bag

CODE	DESCRIPTION	PACK QTY	CTN QTY
3MTRM207C	Versaflo™ TRM-207C TR-300+ PAPR Kit	1	1

VERSAFLO™ TRM-307C TR-300+ PAPR KIT

FEATURES AND BENEFITS

- TR-302E+ air filter unit
- M-307 headtop with flame resistant faceseal
- BT-30 breathing tube
- TR-970 air flow indicator
- TR-332 battery pack
- TR-341A single station battery charger
- TR-3712E PAPR-P3 particulate filter
- TR-371+ filter cover
- TR-3600 prefilter
- TR-362E spark arrestor
- TR-325 standard waist belt
- S1303-0166 padded bag

CODE	DESCRIPTION	PACK QTY	CTN QTY
TRM-307C	Versaflo™ TRM-307C TR-300+ PAPR Kit	1	1

VERSAFLO™ CAPM-307C TR-300+ PAPR KIT

FEATURES AND BENEFITS

- TR-302E+ air filter unit
- M-307 headtop with flame resistant faceseal and reflective tape
- M-940 cap lamp bracket
- BT-30 breathing tube
- TR-970 air flow indicator
- TR-332 battery pack
- TR-341A single station battery charger
- TR-3712E PAPR-P3 particulate filter
- TR-371+ filter cover
- TR-3600 prefilter
- TR-362E spark arrestor
- TR-325 standard waist belt
- S1303-0166 padded bag

CODE	DESCRIPTION	PACK QTY	CTN QTY
3MCAPM306	Versaflo™ CAPM-307C TR-300+ PAPR Kit	1	1

VERSAFLO™ TRM-407C TR-300+ PAPR KIT

FEATURES AND BENEFITS

- TR-302E+ air filter unit
- M-407 headtop with flame resistant shroud
- BT-30 breathing tube
- TR-970 air flow indicator
- TR-332 battery pack
- TR-341A single station battery charger
- TR-3712E PAPR-P3 particulate filter
- TR-371+ filter cover
- TR-3600 prefilter
- TR-362E spark arrestor
- TR-325 standard waist belt
- S1303-0166 padded bag

CODE	DESCRIPTION	PACK QTY	CTN QTY
3MCAPM306	Versaflo™ TRM-407C TR-300+ PAPR Kit	1	1

POWERED AIR PURIFYING RESPIRATORS

VERSAFLO™ TR-315A TR-300+ STARTER KIT

FEATURES AND BENEFITS

- TR-302E+ air filter unit
- BT-30 breathing tube
- TR-970 air flow indicator
- TR-332 battery pack
- TR-341A single station battery charger
- TR-3712E PAPR-P3 particulate filter
- TR-371+ filter cover
- TR-3600 prefilter
- TR-362E spark arrestor
- TR-325 standard waist belt
- Does not include a headtop/hood which is required to be purchased separately

CODE	DESCRIPTION	PACK QTY	CTN QTY
3M315ATKIT	Versaflo™ PAPR TR-315A Kit (no head top)	1	1

VERSAFLO™ TR-302E AIR FILTER UNIT

FEATURES AND BENEFITS

- Protection from a range of airborne particles
- Slim, lightweight and well-balanced design for use in tight spaces
- 10hr battery capacity with recharge time of less than 3.5 hrs
- Two use selectable flow rates 185 & 205 l/min
- Ingress Protection rated IP53

CODE	DESCRIPTION	PACK QTY	CTN QTY
3MTR302E	Versaflo™ Air Filter Unit TR-302E	1	1

3MTR332

3M6054

3MTR325

PAPR ACCESSORIES

CODE	DESCRIPTION	PACK QTY	CTN QTY
3MTR332	High Capacity Battery TR-332 - rechargeable lithium-ion battery pack	1	1
3MTR341A	902-04-00 Charger Single station TR-341A - delivers rapid charge to 90% battery capacity	1	1
3MTR325	Standard Waist Belt Replacement TR-325	1	1


TR-3710E


3MTR3802E


3MHEPFVP3


3MFCV6710


UU008996223


3MTR6310A1P3


3MTR3822E


TR-3600


3MTR371PLUS


3MTR6600F


3MTR662


3MTR630


3MTR632

PAPR FILTER SYSTEMS AND EXTRAS

CODE	DESCRIPTION	PACK QTY	CTN QTY
TR-3710E	Filter PAPR-P3 Particulate only TR-3712E	1	1
3MTR3802E	Filter PAPR-P3 with Nuisance O/V TR-3802E	1	1
3MTR3822E	Filter PAPR-P3 Particulate, Nuisance Level, Acid Gas, TR-3822E	1	1
TR-3600	Respirator pre-filter TR-3600	1	10
3MTR371PLUS	Filter Cover TR-371+	1	1
3MHEPFVP3	TR-6710ANZ High Efficiency P3 filter	1	5
3MFCV6710	TR-6700FC filter cover - to Suit Versaflo™ TR-6710ANZ	1	1
7100021252 70071622073	TR-6500FC 3M™ Versaflo™ Filter Cover TR-6500FC, for TR-6580ANZ filter	1	1
7100135784 UU008996215	TR-6310ANZ 3M™ Versaflo™ Filter TR-6310ANZ, PAPR-A1P3 Organic Vapour & Particulate	1	5
3MTR6600F	TR-6600 Pre-filter	1	10
3MTR662	TR-662 Spark Arrestor to suit TR-600	2 per bag	1 bag per case
3MTR630	TR-630 Standard battery - recharges in less than 4 hours	1	1
3MTR632	TR-632 High Capacity Battery	1	1

POWERED AIR PURIFYING RESPIRATORS

FACE SHIELD INCLUDES COMFORT FACE SEAL

FEATURES AND BENEFITS

- Eye, face and respiratory protection
- M-206 with comfort face seal
- Coated lens provides chemical and scratch resistance
- Face shield has flexible application, use with any 3M™ Versaflo™ system

STANDARDS
AS/NZS 1337.1:2010 - High impact eye protection
AS/NZS 1716:2012 - When used with 3M™ approved respiratory protection systems and devices

CODE	DESCRIPTION	PACK QTY	CTN QTY
3MM206	Face shield with comfort face seal M-206	1	1

FACE SHIELD INCLUDES FLAME RESISTANT FACE SEAL

FEATURES AND BENEFITS

- Eye, face and respiratory protection
- M-207 with flame resistant face seal
- M-150 head suspension and M-154 forehead seal replacements are available
- Coated lens provides chemical and scratch resistance
- Deflector allows users to direct airflow inside face shield for increased control and comfort

STANDARDS
AS/NZS 1337.1:2010 - High impact eye protection
AS/NZS 1716:2012 - When used with 3M™ approved respiratory protection systems and devices

CODE	DESCRIPTION	PACK QTY	CTN QTY
M-207	M-207 Face shield with flame resistant face seal	1	1

HELMET INCLUDES COMFORT FACE SEAL

FEATURES AND BENEFITS

- Respiratory, head, eye and face protection
- M-306 with comfort face seal
- Coated lens provides chemical and scratch resistance
- Deflector allows users to direct airflow inside helmet for increased control and comfort
- Visor design combines excellent peripheral and downward vision with exceptional optical clarity

STANDARDS
AS/NZS 1337.1:2010 - High impact eye protection
AS/NZS 1801:1997 - Type 1 industrial safety helmet
AS/NZS 1716:2012 - When used with 3M™ approved respiratory protection systems and devices

CODE	DESCRIPTION	PACK QTY	CTN QTY
3MM306	M-306 Helmet with comfort face seal	1	1

HELMET INCLUDES FLAME RESISTANT FACE SEAL

FEATURES AND BENEFITS

- Respiratory, head, eye and face protection
- M-307 with flame resistant face seal
- Coated lens provides chemical and scratch resistance
- Deflector allows users to direct airflow inside helmet for increased control and comfort
- Visor design combines excellent peripheral and downward vision with exceptional optical clarity

STANDARDS
AS/NZS 1337.1:2010 - High impact eye protection
AS/NZS 1801:1997 - Type 1 industrial safety helmet
AS/NZS 1716:2012 - When used with 3M™ approved respiratory protection systems and devices

CODE	DESCRIPTION	PACK QTY	CTN QTY
3MM307	M-307 Helmet with flame resistant face seal	1	1

HELMET INCLUDES HIGH DURABILITY SHROUD

FEATURES AND BENEFITS

- Simultaneous respiratory, head, eye, face, neck and shoulder protection
- M-406 with high durability shroud
- Coated lens provides chemical and scratch resistance
- Deflector allows users to direct airflow inside helmet for increased control and comfort
- Helmet suitable for use with all 3M approved air delivery systems

STANDARDS
AS/NZS 1337.1:2010 - High impact eye protection
AS/NZS 1801:1997 - Type 1 industrial safety helmet
AS/NZS 1716:2012 - When used with 3M™ approved respiratory protection systems and devices

CODE	DESCRIPTION	PACK QTY	CTN QTY
3MM406	M-406 Helmet with high durability shroud	1	1

HELMET INCLUDES FLAME RESISTANT FACE SHROUD

FEATURES AND BENEFITS

- Simultaneous respiratory, head, eye, face, neck and shoulder protection
- M-407 with flame resistant shroud
- Coated lens provides chemical and scratch resistance
- Deflector allows users to direct airflow inside helmet for increased control and comfort
- Helmet suitable for use with all 3M approved air delivery systems

STANDARDS
AS/NZS 1337.1:2010 - High impact eye protection
AS/NZS 1801:1997 - Type 1 industrial safety helmet
AS/NZS 1716:2012 - When used with 3M™ approved respiratory protection systems and devices

CODE	DESCRIPTION	PACK QTY	CTN QTY
3MM407	M-407 Helmet with flame resistant face shroud	1	1

POWERED AIR PURIFYING RESPIRATORS

3MUU003085113

3MBT20L

3MBT30

3MM937

M-957

3MM927

M-928

3MM936

BREATHING TUBES

FEATURES AND BENEFITS

- Delivers powered airflow, varying from light to heavy duty
- QRS (Quick Release Swivel) breathing tubes allow fast and easy connection
- Ensures clean air reaches the head top reliably and with unrestricted airflow
- Component of AS/NZS 1716 respiratory protection systems

STANDARDS
AS/NZS 1716:2012

CODE	DESCRIPTION	PACK QTY	CTN QTY
3MBT20L	Breathing tube standard BT-20L - compatible with all 3M PAPR units. L=965mm	1	1
3MBT30	Self adjustable polyurethane breathing tube BT-30 - compatible with all 3M PAPR units. L=525-850mm	1	1
3MUU003085113	Fixed length heavy duty neoprene breathing tube BT-40 - compatible with all 3M PAPR units. L=840mm	1	1

M-SERIES ACCESSORIES

FEATURES AND BENEFITS

- Versatile 3M™ Versaflo™ M-Series accessories to help adapt the head top to a particular environment
- Further options are available to offer protection from flames and sparks, splashes, noise and more

STANDARDS
AS/NZS 1716:2012

CODE	DESCRIPTION	PACK QTY	CTN QTY
3MM927	M-Series coated visor M-927	1	5
M-928	M-Series peel off visor covers M-928	1	40
3MM936	M-200/M-300 Comfort face seal M-936	1	1
3MM937	M-100/M-300 Flame resistant face seal M-937	1	5
M-957	M-Series Forehead comfort pad M-957	1	20

VERSAFLO™ TR-619A POWERED AIR TURBO STARTER KIT

FEATURES AND BENEFITS

- Suitable for environments with hazardous particles, and some nuisance level gases and vapours
- Ready-to-use complete PAPR kit with battery and charger (excludes filter, filter cover and head top)
- Lightweight and easy to use
- Compatible with all M-Series and S-Series head tops, a range of breathing tubes and compliant to be used with a select range of full and half face respirators with BT-63 and BT-64 hoses

STANDARDS
AS/NZS 1716:2012

CODE	DESCRIPTION	PACK QTY	CTN QTY
70071697000	TR-619A Versaflo™ Powered Air Turbo Starter Kit	1	1

TR-819A IS PAPR STARTER KIT

FEATURES AND BENEFITS

- Ready-to-use complete PAPR kit with battery and charger (excludes filter, filter cover and head top)
- Slim, lightweight, well-balanced and ergonomically designed to fit close to the body and allows for greater movement in tight work spaces
- Compatible with all M-Series and S-Series head tops, a range of breathing tubes and compliant to be used with a select range of full face and half face respirators with BT-63 and BT-64 hoses
- SIMTARS certified for use in Queensland coal mining operations. Classified according to EN 60079-11 as Non-Mining Gas Atmoshperes (Group II) ia - Intrinsic safety for equipment protection level Ga IIB - Gas apparatus group T4 - Max. surface temperature

STANDARDS
AS/NZS 1716:2012

CODE	DESCRIPTION	PACK QTY	CTN QTY
3MTR819AK	TR-819A IS PAPR Starter Kit	1	1

TR-802E TURBO UNIT

FEATURES AND BENEFITS

- Approved against the latest Electrical Standards
- Approved to Zone O requirements. It may be suitable for areas where potentially explosive atmospheres are expected and permanent in normal operations
- Comfort is maximised with three user selectable flow rates and controlled airflow
- Easy to identify and differentiate from non-IS versions thanks to bright yellow touchpoints

STANDARDS
AS/NZS 1716:2012

CODE	DESCRIPTION	PACK QTY	CTN QTY
3MTR802E	TR-802E Turbo Unit	1	1

FOR SAFE WORKING LIVES

BUNZL

safety & lifting

Bunzl Safety & Lifting
55 Sarah Andrews Close
Erskine Park NSW 2759
1800 967 573
bunzlsafety.com.au

804-072025