Science.
Applied to Life.™

ID 2013388
RID 2013659

Filtering Facepiece/Disposable Respirators

Comfortably breathing clean, safe air is important for workers' health and workplace morale. With this in mind we have designed a range of 3M™ Disposable Respirators using science to increase comfort, breathability and protection. In combination with ergonomic design, a wide range of technologies including the 3M™ Cool Flow™ Comfort Valve help to deliver comfortable protection with easier breathing and reduced heat build-up.

Types of respiratory protection equipment (RPE) from 3M.

Key types of RPE available from 3M:

Filtering Facepiece/Disposable Respirators

- Ideal for most industries and applications where wearers require particulate protection e.g. dusts and mists
- A choice of cup-shape or flat-fold, valved or unvalved and also the option to protect against ozone and nuisance* levels of organic vapours and acid gases
- Lightweight and maintenance free
- Comfortable, convenient and easy to use

Reusable Half and Full Facepiece Respirators

- Offer protection against particulates, gases and vapours and combinations of the two
- These respirators have integrated or replaceable filters and parts. They may be cleaned, stored and reused provided they are in good condition
- Full facepiece respirators also offer integrated eye and face protection
- Many models are fully maintainable

Powered Air & Supplied Air Systems

- Offer protection against dusts, mists, fumes, gases, vapours and combination hazards e.g. paint spray
- Can offer integrated eye, face, head, neck and hearing protection in one system avoiding incompatibility issues between items of PPE
- Modular system allows you to mix and match parts as your environment or application changes, giving you the ultimate in flexibility and ease of use
- No increase in breathing resistance means more comfortable and longer wear time
- Loose fitting headtops/hoods usable by a wide range of users regardless of facial characteristics; shape, size etc.

* Nuisance levels are those levels below the Workplace Exposure Standard (WES)/Workplace Exposure Limit (WEL).

Types of respirators and protection factors.

QR-CAT-PF
Click or Scan to Download Poster

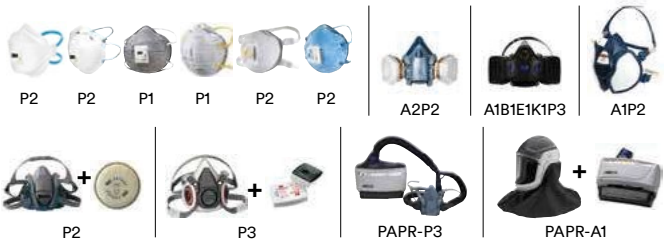
The higher the exposure the greater the protection and reduction in exposure required.

In AS/NZS 1715, different combinations of respirators are assigned a required minimum protection factor (RMPF) for clean shaven, fit tested and trained wearers. The RMPF is the minimum reduction in exposure required to reduce the wearers exposure beneath the Workplace Exposure Standard (WES). Ideally the wearers exposure is reduced well below the WES.

The RMPF is based on the characteristics of the respirator in question such as:

1. Air Purifying or Air supplied?
2. Positive or negative pressure?
3. Tight fitting facepiece or loose fitting head top?
4. Sealing area of the tight fitting facepiece – half face or full face?
5. Rating of the filter and class of the cartridge?

Examples of, but not limited to, respirator and filter combinations

RMPF 100+	• Self Contained Breathing Apparatus (SCBA) positive pressure demand. • Powered Air Purifying Respirator (PAPR) with Class PAPR-P3 particulate filter with a full facepiece. • Full facepiece or headcovering with airline respirator supplied air continuous flow.	
RMPF Up to 100 or up to 5000 ppm	• Full face reusable respirators with P3 particulate filter. • Full Facepiece Reusable respirators with Class 2 gas and vapour cartridge or up to 5000 ppm.	
RMPF Up to 50 or up to 1000 ppm or 5000 ppm	• Full Facepeice Reusable respirators with P2 particulate filter. • Powered Air Purifying Respirator (PAPR) with Class PAPR-P2 particulate filter with any headcovering or full facepiece. • Powered Air Purifying Respirator (PAPR) with Class PAPR-P3 particulate filter with any headcovering. • Full Facepiece Reusable respirators with Class Aus or Class 1 gas and vapour cartridge or up to 1000ppm.	
RMPF Up to 10 or up to 1000 ppm	• Disposable respirators P1 or P2. • Half face Reusable respirators with P1, P2, P3 Particulate Filter • Class AUS, 1, 2, 3 gas & vapour cartridge or up to 1000ppm. • Powered Air Purifying Respirator (PAPR) with Class PAPR-P1 particulate filter with any headcovering. • Powered Air Purifying Respirator (PAPR) with Class PAPR-AUS, 1, 2 Gas & vapour cartridge with any headcovering or facepiece or up to 1000ppm.	

100x + WES
100x WES
50x WES
10x WES
Workplace Exposure Standard (WES)

Increasing Protection Factor

Nuisance Level Exposure

Action Level - 50% of WES to implement controls

NOTE: Where worker exposure to contaminants could be immediately dangerous to life or health (IDLH), or exposure levels are unknown or there is an oxygen deficient environment you must refer to Section 4.2.7 Table 4.6 in AS/NZS 1715 for further guidance.

Safeguard your workforce with the correct respiratory protection solution.

When respiratory protection systems are optimised for comfort, workers can focus on the work.

Our extensive respirator portfolio is engineered for versatility and built to protect. Find the right 3M™ Respirator that delivers optimal protection and lasting comfort for your needs.

Watch our three-part on-demand webinar series hosted by Mark Reggers, Certified Occupational Hygienist (COH MAIOH) and Specialist Application Engineer for 3M Australia and New Zealand in the 3M Personal Safety Division.

Part 1: Respiratory Protection Selection

From gases and vapours to particulates, each hazard requires a unique respiratory protection solution. Select a 3M respirator that works for your employees.

QR-ODW-RPE1
Scan or Click to watch

Part 2: Types of Respiratory Protection

Prioritise comfort and versatile protection with a wide range of respirators from 3M – disposable /filtering facepiece, reusable respirators, powered and supplied air respirator systems, industrial SCBAs.

QR-ODW-RPE2
Scan or Click to watch

Part 3: Importance of Fit & Fit Testing

Unlock the maximum potential of your respirators. Learn the best practices for fit testing, care, storage, and maintenance.

QR-ODW-RPE3
Scan or Click to watch

If you require any assistance in your workplace with respiratory protection or any PPE selection, contact 3M Customer Service or your local 3M representative.

QR-ODW-ANZ
Click or Scan for all available 3M Australia and New Zealand webinars

Airborne hazards.

Finding the right protection...

3M™ Aura™ 9322A+
Particulate Respirator

3M™ Aura 9320A+
Particulate Respirator

3M™ 8210
Particulate Respirator

3M™ 9542V
Particulate Respirator

3M™ 9926ANZ
Particulate Respirator

3M™ 8214
Welding Respirator

3M™ 8822
Particulate Respirator

3M™ 9923V
Particulate Respirator

Brick Dust

Brick dust and ash contains very fine particles of silica which can be breathed deep into the lungs and scar the delicate tissue (silicosis); exposure may also increase the risk of lung cancer.

Cement Dust

Some cement processes can also release very small particles of silica which can be breathed deep into the lungs and scar the delicate tissue (silicosis); exposure may also increase the risk of lung cancer.

Wood Dust

Exposure can cause occupational asthma in some individuals as inhalation of wood dust particles may initiate an allergic reaction causing them to become more sensitive in the future. Dusts from hardwoods may also cause cancers of the nose.

Lead

Dust and fumes inhaled from industrial processes involving lead or lead compounds may be absorbed and circulate in your blood. Lead can be excreted but it can also be stored by the body. If the amount of lead in your body is too high, it can cause symptoms such as headaches and nausea. If uncontrolled, long term exposure can damage vital organs.

Silica

Very small particles of silica dust, called respirable crystalline silica, can be breathed in and may reach deep into the lungs where it can scar the delicate tissue (silicosis) resulting in difficulties breathing. Long-term exposure to crystalline silica may also increase the risk of lung cancer.

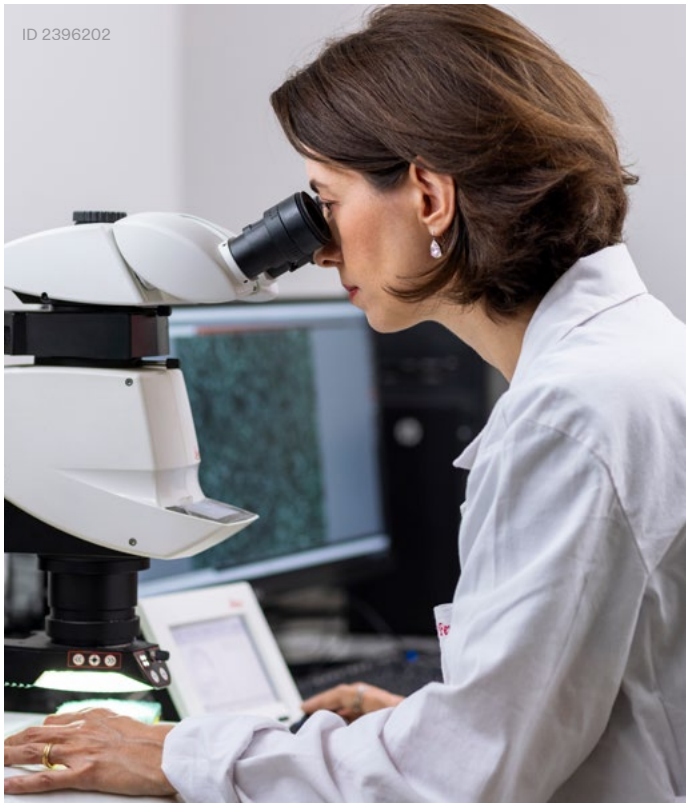
Flour Dust

Inhalation of dust particles from flour can cause bronchitis and irritation to the nose and airways. In some people, exposure may cause occupational asthma, wheezing or serious breathing difficulties.

Welding

Inhalation of some metal oxides found in welding fumes can lead to metal fume fever - the symptoms are short term but include coughing, headaches and fever. Exposure to certain nickel and chromium compounds found in some welding fumes may increase the risk of lung cancer.

Our technology.



In 1969 3M invented the Filtering Facepiece/Disposable respirator. We were also involved in the development, trial and authentication of qualitative fit testing protocols for respirators.

Since then, we have developed numerous proprietary technologies that have been incorporated throughout our comprehensive range of disposable respirators.

Workers need respirators that fit well, are comfortable and provide the best protection. Employers want quality products from a supplier they can trust. Our wide range of respirators helps to deliver easier breathing and comfortable protection against particles and certain gases and vapours. All our disposable respirators are compatible with eyewear and hearing protection products from 3M.

All 3M respirators meet the performance requirements of Australian/New Zealand Standard AS/NZS 1716:2012 'Respiratory protective devices'.

Advantages of 3M™ Filtering Facepiece/Disposable Respirators

3M™ Cool Flow Valve™

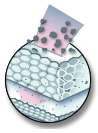
Helps release warm and moist exhaled breath from inside the respirator.

3M™ High Performance Filter Media

High Performance Filter Media combines the benefits of traditional mechanical filtration with advanced technology filtration to capture particles.

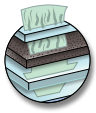
3M™ Foldable Three-Panel Design

This design offers improved comfort, fit and communication – plus the convenience of a foldable respirator. (9300A+ series)



3M™ Clog-Resistant Welding Respirators

Particles are trapped throughout the lofty outer layer and then by the inner filter. This prolongs respirator life while maintaining ease of breathing.

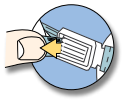


Activated Carbon

Layers of carbon in 3M™ Welding and 3M™ Specialty Respirators are designed to offer relief from the irritation of low levels of specific gases and vapours.

Importance of Fit

3M provides a variety of respirators for customers to select one that fits best on their own face. Fit testing is used to confirm adequate fit and level of protection in the work place.



Adjustment Buckle Straps

Simply pull on the 3M™ Universal Buckle to achieve the optimal comfort and security.

Confidence in Numbers

3M has a rich 100-plus-year history of research and innovation, over 40 in respiratory protection alone, and a passion for designing safe, comfortable respirators. The first Saccharin and Bitrex qualitative fit test methods were invented by 3M.

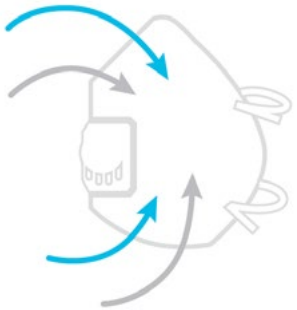
Cool flow valve.

Comfort starts with easy breathing.

When performing physically demanding work, finding both reliable and comfortable respiratory protection is key to helping keep workers safe. With 3M filtering facepiece/disposable respirators there's a solution: 3M™ Cool Flow™ Valve technology.

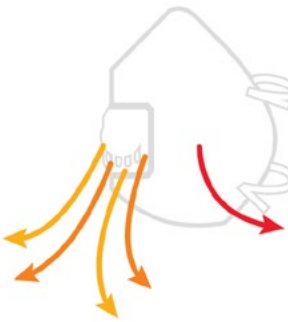
3M disposable and reusable respirators with the 3M Cool Flow Valve are designed to increase breathing comfort. The valve cover helps direct exhaled air downward and allows for easy breathing. When you work in hot, humid and physically demanding environments, a little more comfort makes a difference.

3M™ Cool Flow™ Exhalation Valve helps direct exhaled air downward and allows for easy breathing.



Inhalation

As the wearer inhales, air is pulled through the respirator while the valve remains closed, providing the same level of respiratory protection as a respirator without a valve.



Exhalation

As the wearer exhales, the respirator is filled with warm, moist air. The exhaled air exits through the 3M™ Cool Flow™ Valve and filter media, resulting in easy breathing for the wearer.

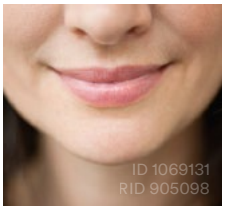
This is suggested when physically demanding work causes heavy breathing.

The importance of comfort.

To make sure that the respirator protects you, it must be worn during periods of exposure. Make sure that you choose a respirator that you can wear comfortably for your entire shift.

Face and head comfort

The respirators edge should be flexible and the shape and size should cover the nose, mouth and chin without causing excessive pressure. A headband material which provides a good, even tension across the head can ensure a comfortable, secure fit for a range of head sizes.



Skin comfort

Skin comfort will be affected by the smoothness and softness of the inner material in contact with the skin - especially over a long period of time. A soft inner face seal and sweat absorbent nose foam will provide greater comfort. Rough or hard materials, coupled with a high temperature inside the respirator may be itchy and unpleasant.

Offers easy exhalation

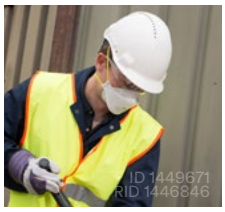
Helps release warm and moist exhaled breath from inside the respirator.

Lightweight

Take advantage of technological innovation and choose a lightweight respirator for optimal comfort.

Breathing ease

An efficient exhalation valve and high-efficiency, low breathing resistance filter material will help you to breathe comfortably.



Compatibility with other PPE

Make sure that the respirator you select fits well with the other PPE required for your work, such as eyewear and hearing protection to ensure maximum comfort.

Selecting the right product.

Selecting and specifying the appropriate respiratory protective equipment can seem daunting with so many factors to consider. Use our simple four step selection system to ensure the respirator you choose offers the correct levels of protection and comfort required.

1. Identify the hazards

Industry	Application	Hazard	Filter Rating	
General	Sanding, cutting, drilling	Rust, metal particles, filler, concrete, stone, wood	P1	P2
	Sanding, cutting, drilling	Crystalline silica, cement, wood, steel, paints, varnish, anti-rust coating, steel, stainless steel, anti-fouling varnish	P1	P2
	Low temperature oil spraying, lubricating	Mineral oil, agricultural mineral oil, horticultural mineral oil, oil foam spray, metal working fluid		
Construction	Sanding, cutting, drilling	Crystalline silica	P1	P2
	Plastering, tunnelling, sawing, earthmoving, carpentry	Dust, sawdust		
	Painting, spraying, varnishing, coating, mixing	Water based paints, roller/brush applied spray coatings, adhesives, cleaning solvents (nuisance* levels)	GP1	GP2
Metal Fabrication	Oxy-acetylene cutting, metal pouring, soldering, smelting, welding, work with glass and mineral fibres	Metal fume	P2	
Welding	MIG, TIG, mild steel, zinc (autogen, MIG/ MIK)Stainless steel (electrodes), soldering	Welding fume and ozone	P2	
Agricultural & Forestry	Sawing, cropping, cotton ginning, feeding livestock, allergies	Wood dust, grain dust, Cotton dust, animal dander	P1	P2
	Handling infected animals, cleaning animal sheds, composting, waste sorting	Bioaerosols, bacteria, fungus, animal dander	P2	
	Spraying pesticide, herbicide, fungicide: *low vapour pressure organic compounds	Paint spray, mist, dust, pesticide (water based)	GP1	GP2
Mining & Quarrying	Drilling, blasting, plant operators	Dust	P1	
	Drilling, blasting, plant operations	Diesel exhaust/smoke	P2	
Healthcare	Infection control	Infectious aerosols, allergies, pollen, mould/ fungus	P2	N95
Aluminium Smelting & Cleaning	Chlorine based cleaning, smelting	Acid gases nuisance level*	P2	
	Chlorine based cleaners	Acid gases nuisance level*	P1	P2
Agricultural & Forestry	Pesticide spraying, solvent cleaning, welding	Organic vapour nuisance level*	GP2	
	Pesticide spraying, solvent cleaning	Organic vapour nuisance level*	GP1	
Food & Beverage, Manufacturing, Pharmaceutical	Food handling, fruit & vegetable processing, cleaning & maintenance	Dusts, mists and fumes generated during handling of cereal & non-cereal flours, nuts, additives, spices, condiments, coffee, sugar, egg and fish proteins, confectionery, animal & bird feed	P1	P2
	Shaping/tablet formation, medicinal and pharmaceutical product manufacturing, cleaning & maintenance	Pharmaceuticals during the production of prescription drugs		

* Nuisance levels are those levels below the Workplace Exposure Standard (WES)/Workplace Exposure Limit (WEL).

2. Assess the risk

P1 is the rating given to a respirator which meets AS/NZS 1716:2012 for filtering mechanically generated particles, e.g., particles formed by crushing, grinding, drilling, sanding and cutting.

P2 is the rating given to a respirator that meets AS/NZS 1716:2012 for filtering mechanically and thermally generated particles, e.g., those from welding fume. *N95 is a particulate respirator rating per the US National Institute for Occupational Safety and Health (NIOSH) 42 CFR 84.*

Type 'G' class rating is suitable for low vapour pressure (below 1.3Pa @ 25°C) organic compounds e.g. many agricultural chemicals like herbicide and pesticide.

3. Select the right respirator

Choose a valved/ unvalved respirator

Once you have selected the protection factor you require, you can then consider whether you need a cup-shaped respirator, or a foldable respirator and whether it is valved or not.

Benefits of a Valved Repirator

- Offers easy exhalation
- Helps release warm and moist exhaled breath from inside the respirator
- Suitable for physically demanding environments
- Helps direct exhaled air downward

Benefits of a Unvalved Repirator

- Lower unit cost
- Reduces potential for wearer contamination of their environment

Choose a style

You can choose from: Comfort, Classic and Basic Series. Specialty respirators that provide comfortable protection against particles and certain nuisance* level gases and vapours are also part of our range as are lightweight and effective welding respirators. This wide selection enables you to select the respirator to suit your environment.

3M™ Comfort Series

- Designed to help provide comfortable reliable protection
- Compatibility with a variety of eyewear
- Unique designs

3M™ Classic Series

- Traditional cup shape
- Lightweight, comfortable and effective
- Durable collapse resistant shell

3M™ Welding & Specialty Respirators

- Activated carbon layer
- Comfort with technology
- High quality performance

4. Fit Test

A respirator cannot protect you fully if it does not fit your face.

Best practice for any Personal Protective Equipment is to ensure the right fit. Proper fitting of a respirator requires the application of an accepted method of fit testing. It is recommended that wearers be fit tested in accordance with Standards Australia's document AS/NZS 1715:2009 and AS/NZS ISO 16975.3:2023.

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

Filtering Facepiece/Disposable Respirator Range Overview

P1 is the rating given to a respirator which meets AS/NZS 1716:2012 for filtering mechanically generated particles, e.g., particles formed by crushing, grinding, drilling, sanding and cutting.

P2 is the rating given to a respirator that meets AS/NZS 1716:2012 for filtering mechanically and thermally generated particles, e.g., those from welding fume, bushfire smoke particulates.

Type 'G' class rating is suitable for low vapour pressure (below 1.3Pa @ 25°C) organic compounds e.g. many agricultural chemicals like herbicide and pesticide.

	P2 Mechanically and Thermally generated particulates e.g. welding fume, particles from bushfire smoke, diesel particulate matter		**P1** Mechanically generated particulates e.g. wood dust, grain dust, cotton dust	
	Valved	**Non-Valved**	**Valved**	**Non-Valved**
3M Comfort Series	 9322A+ P2 8322 P2	 9320A+ P2	 9312A+ P1	
3M Classic Series	 8822 P2	 8210 P2 8110S Small P2	 8812 P1	 8710 P1
3M Welding & Specialty Series G Rated or Nuisance Level* Organic Vapours	 8577 GP2 8214 N95^ Welding 9923V P2 9542V P2	 8247 GP2	 9913V GP1	 9913 GP1
3M Specialty Series Nuisance Level* Acid Gases	 9926ANZ P2	 8246 P2	 9916 P1	

	N95^		
	Level 3 160 mm/Hg Fluid Resistance	**Level 2 120 mm/Hg Fluid Resistance**	**Level 1 80 mm/Hg Fluid Resistance**
3M Healthcare Surgical Respirators	 1870+ N95^	 1860 N95^	 1860S Small N95^  1804 N95^  1804S Small N95^

Refer to catalogue sections for further information on each style and country availability.

*Nuisance levels are those levels below the Workplace Exposure Standard (WES)/Workplace Exposure Limit (WEL).
^N95 is a particulate filter rating per US National Institute for Occupational Safety & Health (NIOSH) 42 CFR 84. 1870+, 1860, 1860S, 1804 and 1804S is entered in the ARTG 255656. Refer "Comparison of P2, N95, FFP2, KN95 and other Filtering Facepiece Respirator classes" technical bulletin for further information.
3M Comfort, Classic and Basic Series products have a 5 year shelf life from date of manufacture. 3M Welding & Speciality (Organic Vapour and Acid Gas nuisance levels) Series products have a 3 year shelf life from date of manufacture. 3M Healthcare Surgical Respirators have a 5 year shelf life from date of manufacture.

Comfort Series 9300A+ Aura™ Particulate Respirators

QR-DR-01
Scan or Click for Tech Data Sheet

QR-DR-02
Scan or Click for Aura Fitting Poster

The 3M™ Aura™ Filtering Facepiece/Disposable Respirators 9300+ are the result of 3M's continuous drive to improve comfort. They are packed with ground-breaking ideas, technologies and materials and have also retained many of the features that helped make the original 9300 series hugely popular. Features include low breathing resistance filter technology for easier breathing throughout your shift, an embossed top panel to reduce fogging of eyewear, a sculpted edge for improved compatibility with eyewear and a chin tab to improve ease of fitting.

Features and Benefits:

Low breathing resistance
- Combines the benefits of 3M's electret particulate filter material with advanced low breathing resistance filter technology
- Gives effective filter performance whilst lowering resistance to breathing
- Improved breathing ease and comfort

3M™ Cool Flow™ valve
- Helps release warm and moist exhaled breath from inside the respirator
- Suitable for physically demanding environments
- Offers easy exhalation

Convenience
- Flat-folded: easy to store when not in use
- Hygienic individual packaging helps protect the respirator from contamination before use
- Chin tab improves ease of donning and adjustment to help achieve a comfortable fit

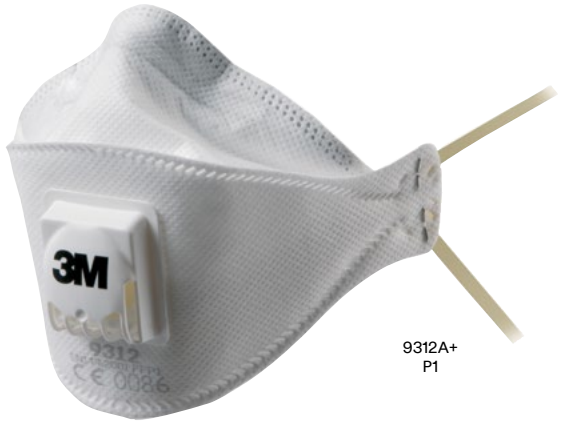
Clear vision
- Embossed top panel helps reduce fogging of eyewear

Sculpted nose panel
- Adjustable noseclip helps provide a custom secure seal
- Curved low profile design conforms well to nose and eye contours, allowing more room for eyewear
- Helps provide a good field of vision
- Improves compatibility with eyewear

Face and head comfort
- 3-panel design fits a wide range of face shapes and sizes
- Accommodates your facial movements
- Collapse resistant; ideal for work in hot, humid environments
- Stays securely in place, helping to provide a good, comfortable seal
- Large water/sweat absorbent nose foam material is soft on the skin
- Smooth inner cover web helps to create a comfortable environment for the face
- 5 year shelf life from date of manufacture

9322A+
P2

9320A+
P2



9312A+
P1

		Availability			
SAP ID	Legacy ID	AUS	NZ	Model #	Description
7100106887	XA010017854	•	•	9322A+	3M™ Aura™ Particulate Respirator 9322A+, P2, 120 ea/Case
7100106876	XA010017847	•	•	9320A+	3M™ Aura™ Particulate Respirator 9320A+, P2, 240 ea/Case
7100106875	XA010017870	•	•	9312A+	3M™ Aura™ Respirator 9312A+, P1, with Valve, 10 ea/Box, 12 Boxes ea/Case

Filtering Facepiece/Disposable Respirators

Comfort 8322 Particulate Respirator

The 8300 Series is designed with your comfort in mind. The super soft, cushioned lining provides instant yet lasting comfort; whilst the robust design makes these respirators tough and durable.

It also features an M shaped nose clip to make it easier to fit and be more comfortable around your nose. 5 year shelf life from date of manufacture.

QR-DR-03
Scan or Click for Tech Data Sheet

QR-DR-04
Scan or Click for Fitting Poster

		Availability			
SAP ID	Legacy ID	AUS	NZ	Model #	Description
7100010817	70071623162	•	•	8322	3M™ Particulate Respirator 8322, P2, Valved, 10/Box, 8 Boxes/Case

Welding Respirator

The 3M Welding Respirator provides lightweight, effective, and comfortable respiratory protection. This durable respirator is designed specifically for welding applications to provide protection against ozone and welding fumes, plus relief from nuisance* odours. It is resists clogging and does not require costly and time-consuming maintenance. Like our other disposable respirators, the welding respirator is compatible with 3M eyewear and hearing products. It is also compatible with 3M™ Speedglas™ Welding Shields. 3 year shelf life from date of manufacture.

QR-DR-05
Scan or Click for Tech Data Sheet

QR-DR-06
Scan or Click for Fitting Poster

		Availability			
SAP ID	Legacy ID	AUS	NZ	Model #	Description
7000002083	70070799534	•	•	8214	3M™ Particulate Respirator 8214, N95, with Faceseal and Nuisance Level* Organic Vapor Relief 80 EA/Case

* Nuisance levels are those levels below the Workplace Exposure Standards/ (WES)Workplace Exposure Limits (WEL)

Classic Series 8000 Series Particulate Respirators

The cupped shape, twin strap design, nose foam and nose clip help to provide comfort and fit over a range of face sizes. The 3M 8710 respirator was the first disposable respirator to be certified in AS/NZS 1716. Still widely used today, this respirator is trusted by millions of workers all over the world. 5 year shelf life from date of manufacture.

8210
QR-DR-07
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8822
QR-DR-08
Scan or Click for Tech Data Sheet

8110S
QR-DR-09
Scan or Click for Tech Data Sheet

8812
QR-DR-10
Scan or Click for Tech Data Sheet

8710
QR-DR-11
Scan or Click for Tech Data Sheet

QR-DR-12
Scan or Click for Cupped Style Fitting Poster

8210
P2

8822
P2

8110S
P2/N95

8812
P1

8710
P1

		Availability			
SAP ID	Legacy ID	AUS	NZ	Model #	Description
7000037792	WX700900359	•	•	8822	3M™ Cupped Particulate Respirator 8822, P2, Valved, 10/Box, 24 Boxes/Case
7000037790	WX700900011	•	•	8210	3M™ Cupped Particulate Respirator 8210, P2, 20 ea/Box, 8 Boxes/Case
7000008813	7000008675 WX700900573	•		8110S	3M™ Particulate Respirator 8110S, N95/P2 Small, 160/Case
7100368379	UU013487200	•	•	8812	3M™ Cupped Particulate Respirator 8812, P1, Valved, 10/Box, 24 Boxes/Case
7000008661	WX700900029	•	•	8710	3M™ Cupped Particulate Respirator 8710, P1, 20 ea/Box, 8 Boxes/Case

Specialty Respirators Organic Vapour

The Organic Vapour Specialty Respirators by 3M are developed for particular working environments. These respirators feature an integrated activated carbon layer that offers relief from levels of nuisance* odours at concentrations below Safe Work Australia and Work Safe New Zealand exposure standards.

They can be used for a wide variety of applications ranging from mining to weed spraying to waste sorting. The Specialty range provides lightweight, effective, comfortable and hygienic respiratory protection against particles and organic vapours.

Activated Carbon Layer - all of these specialty products offer an additional activated carbon layer to filter out ozone and nuisance* levels of organic vapour

3 year shelf life from date of manufacture.

9913V
GP1

9913
GP1

9542V
P2

8247
GP2/R95

9923V
P2

8577
GP2/P95

9913V
QR-DR-13
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9913
QR-DR-14
Scan or Click for Tech Data Sheet

9923V
QR-DR-15
Scan or Click for Tech Data Sheet

8247
QR-DR-16
Scan or Click for Tech Data Sheet

8577
QR-DR-17
Scan or Click for Tech Data Sheet

9542V
QR-DR-18
Scan or Click for Tech Data Sheet

9542V
QR-DR-19
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QR-DR-12
Scan or Click for Cupped Style Fitting Poster

		Availability			
SAP ID	Legacy ID	AUS	NZ	Model #	Description
7000008662	WX700900037	•	•	9913V	3M™ Nuisance Level* Organic Vapor Valved Respirator 9913V, GP1 60/Case
7100368978	UU013561566	•	•	9913	3M™ Nuisance* Organic Vapour Valved Respirator 9913, GP1, 15 ea/Carton, 90 ea/Case
7100002364	AT010601691	•		8577	3M™ Particulate Respirator 8577, GP2/P95, with Valve and Nuisance Level* Organic Vapor Relief, 80 ea/Case
7000008672	WX700900169	•		8247	3M™ Particulate Respirator 8247, GP2/R95 with Nuisance Level* Organic Vapor, 120 EA/Case
7100017433	WX700901902	•	•	9923V	3M™ Particulate Respirator 9923V, P2/R95, with Nuisance Level* Organic Vapour Relief, Valved, 10 ea/Box, 6 Boxes/Case
7100224565	XY003892821	•	•	9542V	3M™ Particulate Respirator 9542V, P2, with Valve and Nuisance Level* Organic Vapor Relief, 20 EA/Box, 10 Boxes/Case

* Nuisance levels are those levels below the Workplace Exposure Standards/ (WES)Workplace Exposure Limits (WEL)

Specialty Respirators Acid Gas

The Acid Gas Specialty Respirators by 3M provide lightweight, effective, comfortable and hygienic respiratory protection against particles, with additional relief from nuisance* levels of acid gases such as sulfur dioxide.

The cupped shape, twin strap design, foam nose seal and nose clip ensure comfortable wear over a wide range of face sizes.

3 year shelf life from date of manufacture.

8246
P2

9926ANZ
P2

9916
P1

8246
QR-DR-20
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9926ANZ
QR-DR-21
Scan or Click for Tech Data Sheet

9916
QR-DR-22
Scan or Click for Tech Data Sheet

QR-DR-12
Scan or Click for Cupped Style Fitting Poster

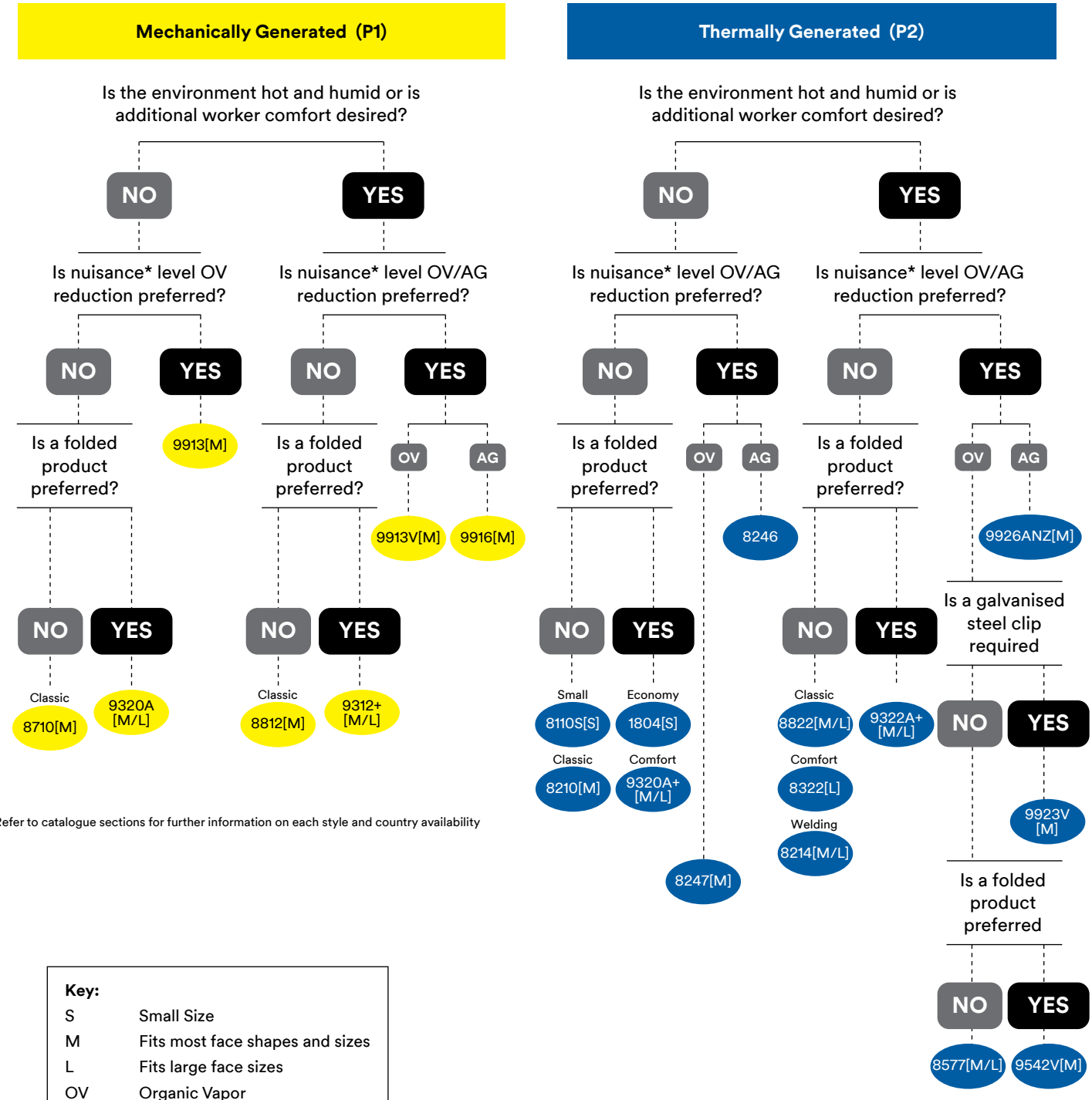
		Availability			
SAP ID	Legacy ID	AUS	NZ	Model #	Description
7011386640	WX700900318	•	•	9926ANZ	3M™ Speciality Particulate Respirator, P2 with Nuisance Level* Acid Gas relief, Valved, 9926ANZ, 100 EA/ Case
7000008671	WX700900151	•		8246	3M™ Particulate Respirator 8246, P2/R95, with Nuisance Level* Acid Gas Relief, 20EA/Box. 6 Boxes/Case
7011386638	WX700900276	•	•	9916	3M™ Cupped Particulate Respirator 9916AUS, P1 with Nuisance* Level Acid Gas Relief, Valved, 10/Box, 6 Boxes/Case

* Nuisance levels are those levels below the Workplace Exposure Standards/ (WES)Workplace Exposure Limits (WEL)

Selection flowchart.

Use the selector below to identify which respirator may be preferred for increased worker comfort.

What type of particles are in your environment?



Refer to catalogue sections for further information on each style and country availability

Key:	
S	Small Size
M	Fits most face shapes and sizes
L	Fits large face sizes
OV	Organic Vapor
AG	Acid Gas

* Nuisance levels are those levels below the Workplace Exposure Standards/ (WES)Workplace Exposure Limits (WEL)

The importance of fit.

Filtering Facepiece/Disposable respirators are most effective when there is a good seal between the edges of the respirator and your face. The instant this seal is broken, protection is compromised as contaminated air can leak in through any gaps.

These fitting instructions must be followed each time a 3M™ Aura™ Particulate Respirator 9300A+ Series is worn.

QR-DR-02

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Make sure that your face is clean shaven. Respirators should not be worn with stubble, beards or other facial hair under the area of the face seal as these can prevent a good seal to the face.

Make sure that long hair is tied back and jewellery is removed so that it does not interfere with the seal to the face.

1. With the reverse side up and using the tab, separate the top and bottom panels of the respirator to form a cup shape. Bend slightly at the centre of the noseclip.
2. Ensure that both panels are fully unfolded.

3a. Cup the respirator in one hand with the open side towards your face.

3b. Take both straps in your other hand. Hold the respirator under your chin, with the nosepiece facing upwards and pull the straps over your head.

4. Locate the upper strap across the crown of the head and the lower strap below your ears. The straps must not be twisted. Adjust the top and bottom panels for a comfortable fit, ensuring that the panels and tab are not folded in.

5. Using both hands, mould the noseclip to the shape of the nose to ensure a close fit and a good seal.

⚠ The respirator may not fit as well if you pinch the noseclip using one hand. Use two hands.

6. Perform a fit-check by covering the front of the respirator with both hands taking care not to disturb its fit.

- If you're using an unvalved respirator, exhale sharply.
- If you're using a valved respirator, inhale sharply.
- If air leaks around the nose, readjust the noseclip to eliminate leakage then repeat the fit check. If air leaks at the respirator edges, work the straps back along the sides of the head to eliminate leakage then repeat the fit check.
- If you cannot achieve a proper fit, DO NOT enter the hazardous area. Consult your supervisor.

ID 1649685

Fitting instructions for cupped respirator style.

QR-DR-12

Scan or Click for Cupped Style Fitting Poster

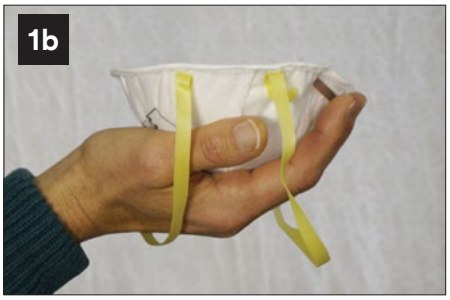
Respiratory protection is only effective if it is correctly selected, fitted and worn throughout the time when the wearer is exposed to respiratory contaminants. Disposable respirators are only effective when there is a good seal between the edges of the respirator and your face. The instant this seal is broken protection is compromised as contaminated air can leak in through any gaps.

These fitting instructions must be followed each time a 3M Cupped respirator is worn.

Tie back long hair and remove jeweller so that it does not interfere with the seal to the face.

Men: Be clean shaven, do not weak with beards or other facial hair.

Pre-Stretch entire length of strap by pulling between two hands.



Cup respirator in one hand, with fingertips positioned at nosepiece and straps hanging below hand.

Place the respirator in one hand and against your face. Position the respirator under the chin with the nosepiece across the bridge of your nose.

Pull the top strap resting it high over the crown of your head.

Pull the bottom strap over your head then position it around your neck and below your ears. Straps must not be twisted.

Using both hands, mould nose clip to the shape of the nose bridge by pushing inwards while moving your fingertips down both sides of the nosepiece.

Face Fit Check - every time the respirator is worn and before entering the hazardous area.

The respirator is correctly worn as shown here.

Pinching the nose clip using one hand may result in a less effective respirator performance. Use two hands.

Cover front of the respirator with both hands taking care not to disturb its fit. When using an unvalved respirator, exhale sharply. If the respirator bulges slightly and no air leaks are detected between the face and the respirator, a proper seal has been obtained. Then work may proceed. When using a valved respirator, inhale sharply. The respirator should collapsed slightly indicating a proper seal has been obtained. Then work may proceed.

Also follow "Warning about Face Fit Check' guideline to right.

Warning About Face Fit Check

- If air leaks around the nose, re-adjust the nose clip to eliminate leakage by repeating step 4. Repeat Face Fit Check
- If air leaks at the respirator edges, work the straps back along the sides of your head to eliminate leakage. Repeat Face Fit Check.
- If you cannot achieve a proper fit, repeat steps 2 - 5.
- If you cannot achieve a proper fit, DO NOT enter the hazardous area. Consult your supervisor.

ID 2076450

3M Science. Applied to Life.™

3M™ Healthcare Surgical Respirators

Take care of yourself so you can continue to care for others. Your safety is essential in order to deliver care to your patients. You care for them. You protect them. We share a common goal: Making respiratory protection the highest priority

Healthcare Surgical Respirators

The 1870+, 1860, 1860S, 1804 and 1804S healthcare respirators are designed to help provide respiratory protection for the wearer by reducing exposure to harmful airborne particles which are small enough to be inhaled – typically particles less than 100 microns in size. As a disposable particulate respirator, it is intended to reduce wearer exposure to certain airborne particles including those generated by electrocautery, laser surgery, and other powered medical instruments.

As these products are also a surgical mask, it is designed to be fluid resistant to splash and spatter of blood and other infectious materials.

1870+
N95

1860
N95

1860S
N95

1804
N95

1804S
N95

Features and Benefits:

- NIOSH approved N95
- 3M™ Advanced Electrostatic Media (AEM) - Highly charged microfibres enhance the capture of airborne particles while allowing you to breathe easier
- FDA cleared for use as a surgical mask
- BFE (Bacterial Filtration Efficiency) > 99% and PFE (Particle Filtration Efficiency)>95% (at 0.3µm particle size) according to ASTM F2101
- Fluid resistant according to ASTM F1862
- 1870+, 1860, 1860S, 1804 and 1804S is entered in the ARTG 255656
- 5 year shelf life from date of manufacture.

		Availability				
SAP ID	Legacy ID	AUS	NZ	Model #	Description	Fluid Resistance Level
7100250447	XA010033554	•	•	1870+	3M™ Aura™ Health Care Particulate Respirator and Surgical Mask 1870+, N95, 240 ea/Case	Level 3
7000038243	AT010607219	•	•	1860	3M™ Cupped Particulate Respirator & Surgical Mask 1860, Standard Size, N95 with Fluid Resistance, 120 ea/Case	Level 2
7000038244	XA010000546	•	•	1860S	3M™ Medical Respirator 1860S, N95, Turquoise, Small, 20 ea/ Box, 6 Boxes/Carton	Level 1
7100145153	70071676954	•	•	1804	3M™ VFlex™ Healthcare Particulate Respirator and Surgical Mask, 1804 N95	Level 1
7100145154	70071676962	•	•	1804S	3M™ VFlex™ Healthcare Particulate Respirator and Surgical Mask, 1804S N95 Small	Level 1

1870+
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1870+
QR-DR-24
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1860/1860S
QR-DR-25
Scan or Click for Tech Data Sheet

1860/1860S
QR-DR-26
Scan or Click for Fitting Poster

1804/ 1804S
QR-DR-27
Scan or Click for Tech Data Sheet

1804/ 1804S
QR-DR-28
Scan or Click for Fitting Poster

Surgical Respirators

3M™ Aura™ Health Care Particulate Surgical Respirator 1870+

- Individually wrapped to ensure cleanliness of respirator each time
- Flat-fold design allows for convenient storage prior to use
- Embossed top panel helps reduce eyewear fogging
- Sculpted top panel allows more room for eyewear
- Innovative chin tab for ease of positioning, donning, adjustment
- Highest level of fluid resistance according to ASTM F1862 at 160 mm Hg
- 1870+ is entered in the ARTG 255656

3M™ Health Care Particulate Surgical Respirator 1860 and 1860S

- Collapse resistant cup shape design
- Braided headbands, cushioning nose foam, and light weight construction for comfortable wear
- Available in 2 sizes to fit a broad range of faces (1860 and 1860S)
- Fluid resistant according to ASTM F1862 at 120 mm Hg (1860) and 80mm Hg (1860S)
- 1860 and 1860S is entered in the ARTG 255656

3M™ VFlex™ Health Care Particulate Surgical Respirator 1804 and 1804S

- Uniquely designed tabs for respirator positioning on the face
- Flatfold design allows for convenient storage prior to use
- Pleats help increase surface area for ease of breathing and flex with mouth movement while talking
- Available in 2 sizes to fit a broad range of faces (1804 and 1804S)
- Fluid resistant according to ASTM F1862 at 80 mm Hg
- 1804 and 1804S is entered in the ARTG 255656.

Potential settings and applications

Operating Rooms, Clinics, TB Wards, Patient Care, Labor and Delivery, Infection Control Practices, Laboratory, emergency or pandemic preparedness planning, stockpiling, etc.

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