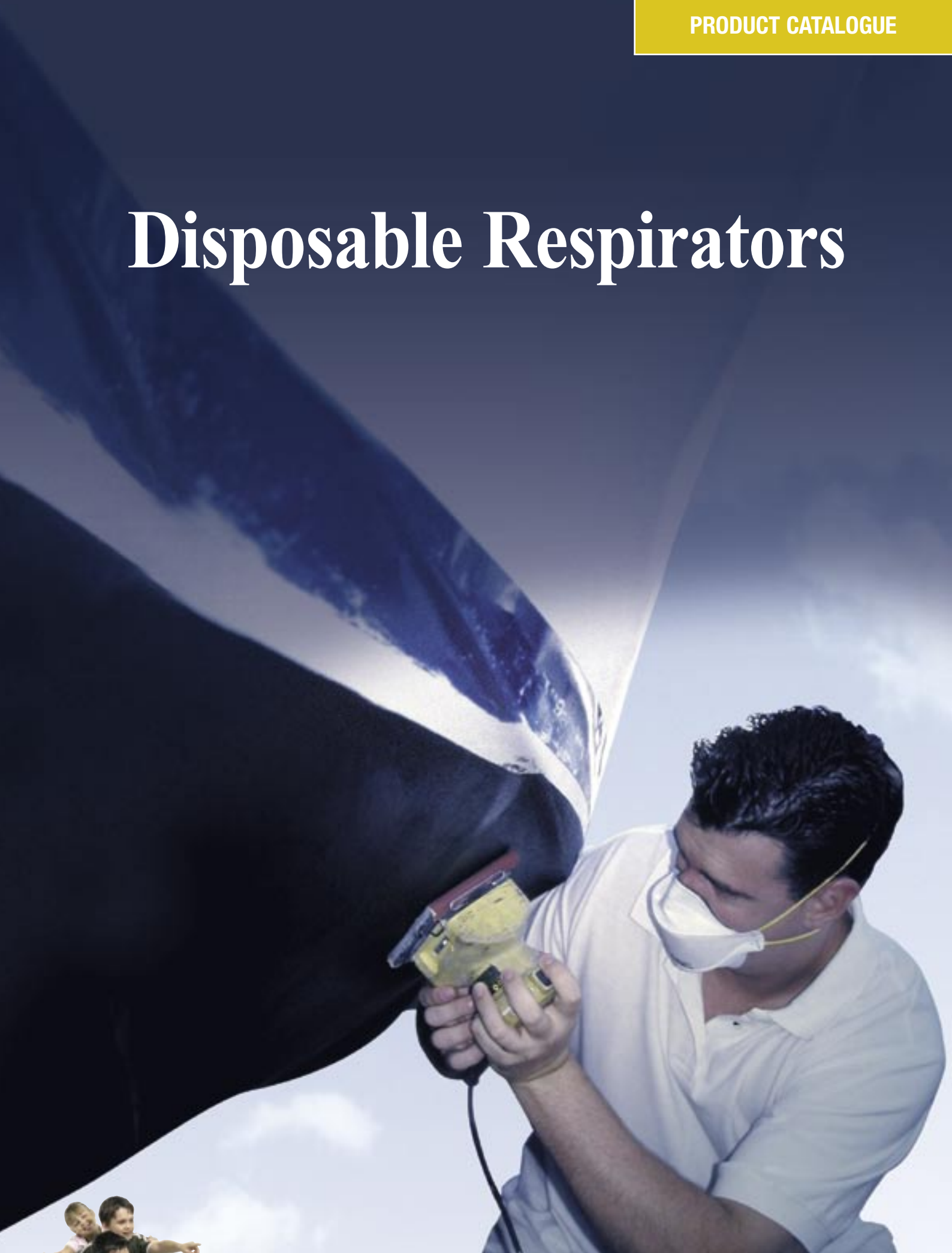


Disposable Respirators



Protecting your way of life.

3M Innovation

Which 3M™ Disposable Respirator is right for me?

All 3M™ Disposable Respirators have been tested and meet the relevant Australian Standard AS/NZS1716



Cupped or Flat Fold?

The traditional cupped style and the newer flat fold designed respirators are widely used in Australia.

The innovative three-panel design of the 3M 9300 Series is conveniently foldable and not prone to collapse.



P1 or P2?

"P1" is the rating given to a respirator which meets the Australian Standard AS/NZS1716 for filtering **Mechanically generated particles** e.g. particles formed by crushing, grinding, drilling, sanding, cutting etc including asbestos fibres and silica.

"P2" is the rating given to a respirator which meets the Australian Standard AS/NZS1716 for filtering **Mechanically and Thermally generated particles** e.g. those from welding fume. These are also the recommended type for use against biological particles e.g. SARS.



Valve or No Valve?

The 3M™ Cool Flow™ Valve is a patented one way valve designed to reduce heat and moisture buildup within the respirator to offer comfortable protection, particularly in hot and humid conditions.

3M™ Disposable Respirators are available in valved or unvalved versions.







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

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

There is also guidance available in the 3M Respirator Selection Handbook (available from your 3M OH&ES Representative), the following Selection Guide, or directly from the 3M TechAssist Helpline on **1800 024 464**, or website: **www.3m.com/au/ohs**



Selecting Disposable Respirators

SELECTION GUIDE		FLAT FOLD	SPECIALTY	WELDING	
					
3M SPECIALIST SELECTION					
AGRICULTURE	HAZARD	9312	9913V	8512	8514
Ploughing, composting, grain production	Organic dust	✓			
Welding, metal cutting	Metal Fumes			✓	
Welding (esp. TIG & MIG) welding coated metal	Metal Fumes, Ozone				✓
Spraying low vapour pressure pesticide, herbicide or fungicide	Organic vapour, mist, dust		✓		
ALTERNATIVE SELECTIONS		9310 8812 8710	8247	9322 9320 8822 8210	8247
AUTOMOTIVE	HAZARD	9312	9913V	8512	8514
Drilling, grinding, sanding or sawing	Dust	✓			
Welding, Metal cutting	Metal Fumes			✓	
Welding (esp. TIG & MIG) welding coated metal	Metal Fumes, Ozone, nuisance odours				✓
ALTERNATIVE SELECTIONS		9310 8812 8710	9913	9322 9320 8822 8210	8247
FLOOR SANDING	HAZARD	9312	9913V	8512	8514
Drilling, grinding, sanding and cutting	Dust from timber, cement, masonry	✓			
Asbestos sheet removal (manual)	Asbestos fibre and other dust	✓			
ALTERNATIVE SELECTIONS		9310 8812 8710	9913	9322 9320	
FIBRE GLASS	HAZARD	9312	9913V	8512	8514
Sanding, cutting	Glass fibre, dust	✓			
ALTERNATIVE SELECTIONS		8710 9310 8812	9913		
WELDING & ENGINEERING	HAZARD	9312	9913V	8512	8514
Drilling, crushing, sanding or sawing	Dust	✓			
Metal cutting, metal pouring, welding, soldering, brazing	Metal fume			✓	
Welding (esp. TIG & MIG) welding coated metal	Metal fumes, Ozone nuisance odours				✓
ALTERNATIVE SELECTIONS		9310 8812 8710	9913	9322 9320 8822 8210	8247
WOODWORK	HAZARD	9312	9913V	8512	8514
Drilling, sanding, sawing, turning	Dust	✓			
ALTERNATIVE SELECTIONS		9310 8812 8710	9913		
HOME RENOVATION	HAZARD	9312	9913V	8512	8514
Sanding	Dust from timber, plaster, painted surfaces	✓			
Cutting	Dust from timber, MDF, masonry, plaster board, concrete	✓			
Stripping paint	Methylene Chloride vapour (nuisance levels)*		✓		
Painting with brush or roller	Organic vapour (nuisance levels)*		✓		
Asbestos sheet removal (manual)	Asbestos fibre and other dust	✓			
ALTERNATIVE SELECTIONS		9310 8812 8710	9913		

* Nuisance levels are those levels below the NOHSC Exposure Standards

3M™ Flat Fold Respirators

The ultimate in comfort and safety

The innovative “off-the-face” three panel design provides a cooler, less claustrophobic feeling. It’s easier to breathe and talk through and gives a wider field of vision.

Unlike traditional cupped respirators, the innovative three-panel design is conveniently foldable and not prone to collapse.

The comfortable foam nose bridge absorbs moisture and enhances face seal and comfort for optimum fit.



3M™ 9310 P1 Flat Fold Respirator

P1 Filter in unique 3 panel Flat Fold design.

- For mechanically generated particles including silica and asbestos e.g. grinding, sanding, crushing, sawing
- Individually wrapped

Product Code	3M Order Code	Packaging
9310	0400960	20 respirators/box 12 boxes/case



3M™ 9312 P1 Valved Flat Fold Respirator

P1 Filter in unique 3 panel Flat Fold design with 3M™ Cool Flow™ Valve for greater comfort.

- For mechanically generated particles including silica and asbestos e.g. grinding, sanding, crushing, sawing
- Cool Flow Valve prevents heat and moisture build up, making breathing easier
- Individually wrapped

Product Code	3M Order Code	Packaging
9312	0400978	10 respirators/box 12 boxes/case



3M™ 9320 P2 Flat Fold Respirator

P2 Filter in unique 3 panel Flat Fold design.

- For mechanically and thermally generated particles and fumes e.g. grinding, sanding, crushing, sawing, smoke, welding fume
- Individually wrapped

Product Code	3M Order Code	Packaging
9320	0400986	20 respirators/box 12 boxes/case



3M™ 9322 P2 Valved Flat Fold Respirator

P2 Filter in unique 3 panel Flat Fold design with 3M™ Cool Flow™ Valve for greater comfort.

- For mechanically and thermally generated particles and fumes e.g. grinding, sanding, crushing, sawing, smoke, welding fume
- Cool Flow Valve prevents heat and moisture build up, making breathing easier
- Individually wrapped

Product Code	3M Order Code	Packaging
9322	0400994	10 respirators/box 12 boxes/case



3M™ Cupped Respirators

Comfortable, reliable worker protection

These traditional cupped respirators are designed to provide reliable worker protection against mechanically and thermally generated particles.

- Excellent fit over a wide range of face sizes, provided by convex shape, nose clip and twin-strap design
- Durable collapse resistant inner shell
- Comfortable, lightweight off-the-face design



3M™ 8710 P1 Cupped Respirator

P1 Filter, easy to fit.

- For mechanically generated particles including silica and asbestos e.g. grinding, sanding, crushing, sawing
- The galvanised steel nose clip allows this respirator to be used in underground coal mines

Product Code	3M Order Code	Packaging
8710	0398628	20 respirators/box 8 boxes/case



3M™ 8812 P1 Valved Cupped Respirator

P1 Filter with 3M™ Cool Flow™ Valve for greater comfort.

- For mechanically generated particles including silica and asbestos e.g. grinding, sanding, crushing, sawing
- Cool Flow Valve prevents heat and moisture build up, making breathing easier

Product Code	3M Order Code	Packaging
8812	GT400032030	10 respirators/box 24 boxes/case



3M™ 8210 P2 Cupped Respirator

P2 Filter, easy to fit.

- For mechanically and thermally generated particles and fumes e.g. grinding, sanding, crushing, sawing, smoke, welding fume

Product Code	3M Order Code	Packaging
8210	0398636	20 respirators/box 8 boxes/case



3M™ 8822 P2 Valved Cupped Respirator

P2 Filter with 3M™ Cool Flow™ Valve for greater comfort.

- For mechanically and thermally generated particles and fumes e.g. grinding, sanding, crushing, sawing, smoke, welding fume
- Cool Flow Valve prevents heat and moisture build up, making breathing easier

Product Code	3M Order Code	Packaging
8822	GT500005571	10 respirators/box 24 boxes/case



3M™ Speciality Respirators

Versatility of protection from particles and nuisance levels* of gases & vapours

This range offers the versatility of protection against dusts/mists, combined with an activated carbon layer, which also removes nuisance levels* of specific gases and vapours.

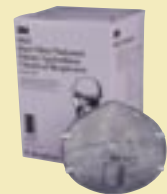
3M's range includes a variety of respirators that remove particles while reducing odours. For dusty work conditions with nuisance levels of organic vapours or acid gases, carbon loaded respirators help improve worker protection.



3M™ 9913 P1 Nuisance Level Organic Vapour Respirator

- Type GP1, for mechanically generated particles, nuisance level organic vapours and Agricultural type chemicals (G) with low vapour pressures (<0.01mm Hg at 25°C)
- The galvanised steel nose clip allows this respirator to be used in coal mines

Product Code	3M Order Code	Packaging
9913	0398693	15 respirators/box 6 boxes/case



3M™ 9913V P1 Nuisance Level Organic Vapour Valved Respirator

- Type GP1, for mechanically generated particles, nuisance level organic vapours and Agricultural type chemicals (G) with low vapour pressures (<0.01mm Hg at 25°C)
- 3M™ Cool Flow™ Valve prevents heat and moisture build up, making breathing easier
- The galvanised steel nose clip allows this respirator to be used in coal mines

Product Code	3M Order Code	Packaging
9913V	0398701	10 respirators/box 6 boxes/case



3M™ 8247 P2 Nuisance Level Organic Vapour Respirator

- Type P2, for mechanically and thermally generated particles, and relief from nuisance level organic vapours

Product Code	3M Order Code	Packaging
8247	70070757722	20 respirators/box 6 boxes/case



3M™ 9915 P1 Nuisance Level Acid Gas Respirator

- Type P1, for mechanically generated particles and nuisance level acid gases such as chlorine, sulphur dioxide and hydrogen fluoride

Product Code	3M Order Code	Packaging
9915	0398719	15 respirators/box 6 boxes/case



3M™ 9916 P1 Nuisance Level Acid Gas Valved Respirator

- Type P1, for mechanically generated particles and nuisance level acid gases such as chlorine, sulphur dioxide and hydrogen fluoride
- 3M™ Cool Flow™ Valve prevents heat and moisture build up, making breathing easier

Product Code	3M Order Code	Packaging
9916	0398727	10 respirators/box 6 boxes/case



3M™ 8246 P2 Nuisance Level Acid Gas Respirator

- Type P2, for mechanically and thermally generated particles, and nuisance level acid gases such as chlorine, sulphur dioxide and hydrogen fluoride

Product Code	3M Order Code	Packaging
8246	0398677	20 respirators/box 6 boxes/case



* Nuisance levels are those levels below the NOHSC Exposure Standards.

3M™ Welding Respirators

Specifically designed for protection from welding fumes

For welding and metal fabrication, workers need respirators which are as comfortable as possible, and offer effective respiratory protection.

When worn during welding this range delivers the safety and security you're looking for with a deep loading, cake resistant, long life, flame retardant filter.



3M™ 8512 Welding Fume Respirator

P2 Filter, welding respirator with 3M™ Cool Flow™ Valve.

- For thermally generated particles e.g. welding fume
- Features include deep loading, cake resistant, flame retardant media, heavy duty straps and exhalation valve
- Cool Flow Valve prevents heat and moisture build up, making breathing easier
- Low profile design allows compatibility with welding shields

Product Code	3M Order Code	Packaging
8512	0398644	10 respirators/box 8 boxes/case



3M™ 8514 Deluxe Welding Fume Respirator

P2 Filter, welding respirator with 3M™ Cool Flow™ Valve, with Charcoal.

- For thermally generated particles e.g. welding fume
- Features include deep loading, cake resistant, flame retardant media, heavy duty straps and exhalation valve
- Additional activated carbon layer filters out Ozone generated by MIG, TIG and ARC welding operations
- Cool Flow Valve prevents heat and moisture build up, making breathing easier
- Low profile design allows compatibility with welding shields

Product Code	3M Order Code	Packaging
8514	0398651	10 respirators/box 8 boxes/case



Note:

- All 3M™ P2 Disposable Respirators can be used for welding applications.
- The Australian Standard AS/NZS1715 provides guidance in the selection, use and maintenance of respiratory protective devices

Our Value Offering



More than just great products

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

Specialist Field Force

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

TechAssist

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

Industry Support

For many years 3M has been privileged to support various industry bodies including the Australian Institute of Occupational Hygienists, as well as being an active member of Standards Australia working committees on Respiratory and Hearing Protection.

Wide Distributor Network

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

How to contact us

Please contact 3M through the following:

3M	Phone
3M Customer Service	Phone:86-512-6725 4825 Fax 6725 4825
3M TechAssist Hotline	
World Wide Web	www.tapehome.com

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Protecting your way of life.

3M Innovation