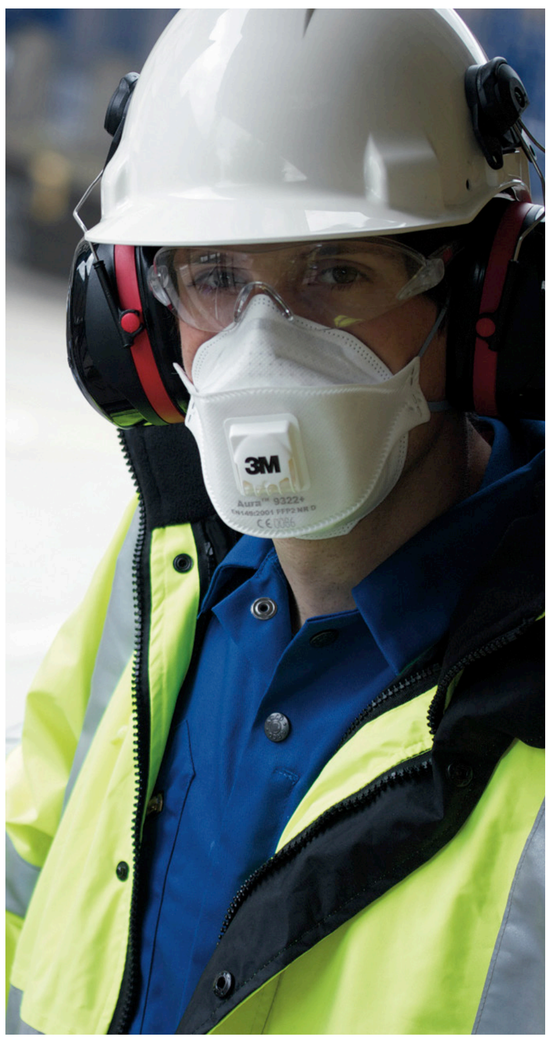
3M Science. Applied to Life.™

Selecting your 3M Disposable Respirator



Use this quick selection guide to find the recommended respiratory protection for your hazard and face shape. Please note: if you have identified contaminated air as a hazard, you should put control measures in place to manage exposure. The hierarchy of controls is a system that will guide you to select appropriate controls. The use of respiratory protection is one method of control which can be used in conjunction with other controls.

#3MScienceOfSafety

Step 1: Choose a Protection Factor

P1

P1 is the rating given to a respirator which meets AS/ NZS1716:2012 for filtering mechanically generated particles, e.g., particles formed by crushing, grinding, drilling, sanding and cutting.

P2

P2 is the rating given to a respirator that meets AS/NZS1716:2012 for filtering mechanically and thermally generated particles, e.g. welding fumes. Also for use against bio aerosols such as H1N1 and H5N1 Influenza.

Type GP1

Type GP2

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

N95

Reduces exposure to harmful airborne particles <100 micron eg. Bacillus anthracis, Mycobacterium tuberculosis, mould, SARS/ Influenza virus.

Step 2: Choose a Valved or Unvalved Respirator

Valved Respirator Benefits

- Reduces exhalation effort
- Cooler to wear
- Stays comfortable for longer
- Less likely to mist up eyewear

Unvalved Respirator Benefits

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

Step 3: Choose a Style

You can choose from the following models to suit your environment and your face shape:

Fits Large–Medium Face

3M™ 8300 Series

Super soft, robust design, tough and durable, M shaped nose clip offers a better fit.

	Rating	3M™ Cool Flow™ Valve
8320		
8322		✓
8310		
8312		✓

3M Welding Respirators

Protection against ozone and welding fumes, plus relief from nuisance odours.

	Rating	3M™ Cool Flow™ Valve
8512		✓
8514		✓

Fits Most Face Shapes

3M™ Aura™ 9300A+ Series

Extra comfortable, foldable, easy to store, 3-panel design, hygienic individual packaging.

	Rating	3M™ Cool Flow™ Valve
9320A+		
9322A+		✓
9310A+		
9312A+		✓

3M Organic Vapour Series

Features an integrated activated carbon layer that offers relief from levels of nuisance odours below standards.

	Rating	3M™ Cool Flow™ Valve
9913V		✓
9913		
8577		✓
8247		
9923V		✓
9542A		

3M Acid Gas Series

Offers additional relief from nuisance levels* of acid gases such as sulfur dioxide and hydrogen fluoride.

	Rating	3M™ Cool Flow™ Valve
9926		✓
8246		
9916		✓
9915		

Fits Medium–Small Face

3M™ Classic 8000 Series

Lighweight, comfortable.

	Rating	3M™ Cool Flow™ Valve
8822		✓
8210		
8812		✓
8710		
8110S		

3M Economy Series

Offers reliable protection for use in a variety of dusty applications.

	Rating	3M™ Cool Flow™ Valve
8205		
9105A		
9105AS		
8000		

3M Healthcare Series

Meets CDC guidelines for Mycobacterium tuberculosis exposure control and are FDA cleared for use as surgical masks. TGA Approved.

	Rating	3M™ Cool Flow™ Valve
1860		
1860S		
1870+		

Step 4: Fit Test

A respirator cannot protect you 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 Guidance document AS/NZS 1715:2009.

> 3M can visit you onsite to provide Fit Testing, PPE Training and Toolbox Talks. Conditions apply, so contact your local 3M representative for more information.

⚠ WARNING

Respiratory Products

These respirators help protect against certain particulate contaminants but does not eliminate exposure to or the risk of contracting any disease or infection. Misuse may result in sickness or death. For proper use, see supervisor, or User Instructions, or call 3M Personal Safety Division TechAssist Helpline on 1800 024 464 (Australia) or 0800 364 357 (NZ).

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