

3M Science.
Applied to Life.™



Let's focus
on what's important.

3M™ Personal Protective Solutions
for Healthcare Professionals

Protected today. Prepared for tomorrow.

Healthcare facilities have multiple departments and functions that can be exposed to potential health and safety hazards.

Workers in healthcare facilities may encounter a broad range of hazards, requiring a variety of PPE to help protect them so that they can provide care, support care delivery and maintain facility operations. 3M is here to provide guidance on potential hazards that may pose risks for workers and help with selection and use of different types of PPE in healthcare environments.

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Direct care for patients with suspected or confirmed infectious pathogens

Healthcare workers that provide direct care to patients may potentially be exposed to a variety of infectious pathogens that can be transmitted to workers and other patients. These agents may be transmitted via direct or indirect contact, droplet or airborne routes.¹ Emerging infectious diseases can pose challenges to protecting workers and patients as prevention and control recommendations may not be immediately available.



Handling and administration of hazardous drugs and drug neutralization

Hazardous drugs can cause cancer, reproductive issues and damage to organs or DNA.² Potential routes of exposure include absorption through the skin and/or mucosa, inhalation of dusts, aerosols or vapours, accidental injection and unintentional ingestion.³



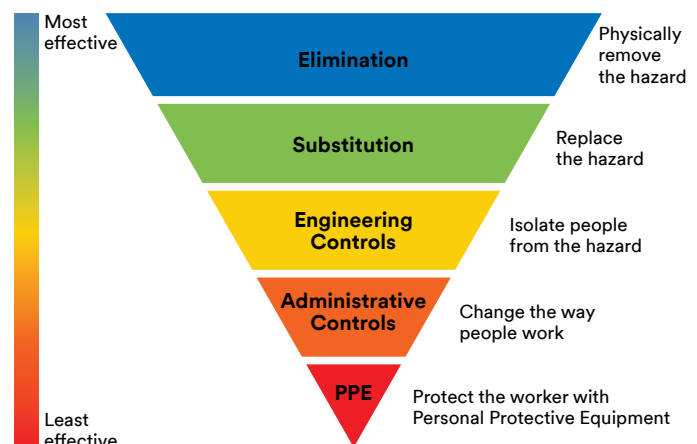
Disinfection and chemical use

Healthcare Associated Infections (HAI) and cross contamination are a common concern for healthcare organizations. In order to reduce the risk of transmission of infectious agents, potentially hazardous chemicals are used to disinfect work surfaces and the healthcare environment, and to disinfect and sterilize instruments. Potentially hazardous chemicals may also be used in laboratories and when handling tissue specimens.

Hierarchy of Controls⁴

Controlling exposures to hazards in the healthcare environment is essential to help protect workers. Using the hierarchy of controls can help remove hazards when possible or reduce the risk of exposure and potential for illness or injury. The hierarchy prioritizes controls that are the most effective beginning with elimination to those that are less protective. In healthcare settings, elimination and substitution of hazards is not always possible.

PPE should be used in conjunction with other controls to be most effective or used in situations when other controls are not feasible.



¹ Siegel JD, Rhinehart E, Jackson M, Chiarello L, and the Healthcare Infection Control Practices Advisory Committee, 2007 Guideline for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings <https://www.cdc.gov/infectioncontrol/guidelines/isolation/index.html>

² OSHA, Joint Commission, NIOSH [2011] Letter to US Hospitals highlighting work precautions for handling hazardous drugs, April 4, 2011.

³ USP General Chapter <800> Hazardous Drugs- Handling in Healthcare Settings, 2020. Retrieved from www.usp.org.

⁴ Centers for Disease Control and Prevention, The National Institute for Occupational Safety and Health (NIOSH). Hierarchy of Controls. <https://www.cdc.gov/niosh/topics/hierarchy/default.html>.

The 3M science of safety: protecting people, improving lives.

From helping to identify potential hazards to providing education and training, 3M can help solve a variety of worker health and safety challenges.

3M can help you with understanding best practices to help reduce the risk of exposure, including differences between masks and filtering facepiece respirators, the importance of fit, and respirators such as powered air purifying respirators (PAPR) that can provide a higher level of respiratory protection, and can be an alternative for staff when a tight-fitting respirator may not be appropriate.



In addition to quality PPE, we provide a wide range of resources and solutions you need each step of the way.



Health and safety knowledge:

- ▶ Deep knowledge of workplace hazards combined with an understanding of standards and regulations related to worker health and safety
- ▶ A global leader in respiratory protection.
- ▶ Various resources and tools to help establish and run a successful workplace Respiratory Protection Program.



Standards and regulatory advancement

- ▶ Team dedicated to advancing standards and regulations that are focused on helping to improve worker safety and health globally.



Respirator fit knowledge and support

- ▶ Education on the importance of respirator fit.
- ▶ Help with respirator selection based on fit.
- ▶ Resources for qualitative and quantitative fit testing as required by national standards.



Anti-counterfeit authentication

- ▶ Counterfeits pose serious risks: counterfeit respirators are not tested and approved to the same standards as authentic respirators from 3M.
- ▶ For more information or to report potential counterfeit product visit 3M.com/verify.



Training and education

- ▶ From digital learning modules to in-person onsite training support and a suite of technical resources regarding best practices and alignment to standards and regulations.

The science behind respiratory protection.

Masks versus filtering facepiece respirators: understand the difference.

Masks and filtering facepiece respirators are very different in fit, intended use, testing and approval. Procedural and surgical masks are not designed to help reduce the wearer's exposure to airborne hazards. It is important to understand the differences because your safety is essential in order to deliver care to patients.



	3M Medical Respirator	3M Standard Respirator	Surgical Mask
Fit	Tight, designed to form a seal around the nose and mouth	Tight, designed to form a seal around the nose and mouth	Loose, does not form a seal to the face, allowing unfiltered air to flow around gaps at mask edge
Fit testing required	✓ (as per national guidance)	✓ (as per national guidance)	
Respiratory protection. Helps reduce particles inhaled by the wearer	✓	✓	
Helps reduce particles expelled by the wearer	✓	✓	✓
Fluid resistant	✓		✓
Approvals	EN149:2001+A1:2009, EN14683:2019 Type IIR, European Regulation (EU) 2016/425 (PPE), European Regulation (EU) 2017/745 (Medical Device)	EN149:2001+A1:2009, European Regulation (EU) 2016/425 (PPE)	EN14683:2019, European Regulation (EU) 2017/745 (Medical Device)

The importance of fit.

Recent events have raised important questions about respiratory protection. One thing is certain: to provide the expected protection, a tight fitting respirator needs to seal properly to the wearer's face. But what exactly does that mean and how can we tell? From help with fit testing to training and resources, 3M is here to help answer those questions.



Download the app now.
Scan this QR code with your iPad® to download your free 3M™ Wear it. Right App today.

Download on the App Store



3M is your reliable partner when it comes to helping you understand the importance of respirator fit.

When you focus on fit, you help give your employees greater confidence in their respiratory protection. If a worker's respirator doesn't seal properly, there's no certainty it's providing the expected protection.

3M has been an industry leader in respiratory protection for decades, with a longstanding focus on fit. We're here to help you when it comes to:



Education and training on respirator use

- ▶ It is known that the growth of stubble and facial hair can give significant leak paths for contaminants. For further information on this topic please see the HSE's research report: RR1052 The effect of wearer stubble on the protection given by Filtering Facepieces Class 3 (FFP3) and Half Masks.
- ▶ Face seal leakage reduces the wearer's protection.
- ▶ The 3M™ Wear it Right App makes the task of qualitative fit testing less tedious with the tap of a button. Grab your 3M™ Fit Test Kit, download the app, and you'll be ready to experience convenient digital data recording.



Choosing the appropriate respiratory protection for the job

- ▶ Within your healthcare facility, workers may be exposed to a range of airborne hazards depending on the situation. 3M offers a variety of respirators to help reduce employee exposure to different potential hazards and in different environments.
- ▶ When selecting respirators, it's important to consider the hazard, exposure, and fit.
- ▶ 3M offers a wide selection of CE approved disposable respirators to help reduce exposure to airborne particulates. Let us help you find the right respirator for your needs with the [3M Respiratory Advisor](#).



Fit testing expertise

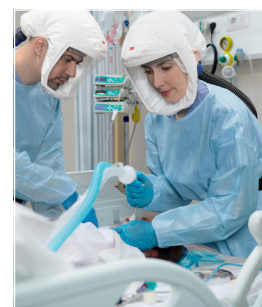
- ▶ 3M can provide guidance and support for implementing fit testing within your respiratory protection program. Visit [3M.co.uk/respiratorfit](https://3m.co.uk/respiratorfit) for the latest information.
- ▶ There are multiple fit testing methods available. 3M can offer guidance regarding how to implement fit testing within your respiratory protection program.
- ▶ The 3M™ Wear it Right App makes the task of qualitative fit testing less tedious with the tap of a button. Learn more and download the app.

Get the right protection for the job.



Direct care for patients with suspected or confirmed infectious pathogens.

The health and safety of staff is essential in order to deliver care to patients. Healthcare workers may be exposed to a wide range of hazards when providing care to patients and while working in patient care areas. Even with other controls in place, standard and transmission based precautions are essential for helping reduce transmission risk. Some potential hazards may include bloodborne pathogens, bacteria or viruses transmitted via droplets or airborne particles, or performing aerosol generating procedures on patients with suspected or confirmed infectious disease. Healthcare workers need a wide range of PPE options to help reduce risk of exposure depending on the anticipated hazard, clinical situation or procedure.



Potential workers at risk:

- ▶ Nurses
- ▶ Doctors
- ▶ Therapists
- ▶ Nursing assistants
- ▶ Patient care technicians
- ▶ Environmental services personnel
- ▶ Paramedics/first responders

Anticipated hazard*	Potential respiratory, eye and face protection options**
Only airborne (or aerosol) particulate hazards	 OR  OR  Filtering Facepiece Respirator (FFR) Surgical Filtering Facepiece Respirator (Surgical FFR) Powered Air-Purifying Respirator with appropriate filter
Airborne (or aerosol) particulate hazards + risk of blood or bodily fluids, splashes or sprays	 +  OR  OR  Surgical FFR Goggles ¹ Faceshield ¹ Powered Air-Purifying Respirator with appropriate filter
Airborne (or aerosol) particulate hazards + risk of blood or bodily fluids, splashes or sprays + sterile field	 +  OR  Surgical FFR Goggles ¹ Faceshield ¹

*Based on facility hazard assessment, infection control risk assessment, anticipated exposure and exposure assessment

**in addition to other PPE. This guide may not be inclusive of all options that could be used in the listed settings See page 4 of this brochure for information on the difference between FFR and Surgical

FFR. It is the responsibility of the healthcare organisation to determine suitability of any personal protective equipment used in their facility and ensure compliance with all applicable regulations including the respiratory protection program requirements of U.S. OSHA 29 CFR 1910.134, or local equivalent, when respiratory protection is used.

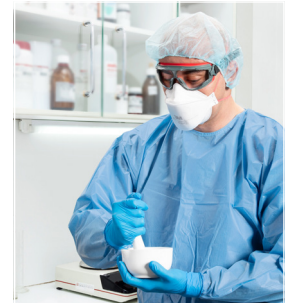
¹Siegel JD, Rhinehart E, Jackson M, Chiarello L, and the Healthcare Infection Control Practices Advisory Committee, 2007 Guideline for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings <https://www.cdc.gov/infectioncontrol/guidelines/isolation/index.htm>

Get the right protection for the job.



Handling and administration of hazardous drugs (HD) ¹ and drug neutralization.

Every day in healthcare settings, workers are exposed to various drugs /Active Pharmaceutical Ingredients such as chemotherapy, antiviral treatments, hormones and other therapies. Whilst in carefully controlled doses, these drugs can help patients, many of these drugs can present serious hazards to the health and safety of workers who handle them. Potential routes of exposure include absorption through the skin, inhalation of dusts, aerosols of vapours, accidental injection and unintentional ingestion. In addition to other controls, staff need a variety of PPE options depending on the risk of exposure and activities performed.



Potential workers at risk:

- ▶ Pharmacists
- ▶ Pharmacy technicians
- ▶ Nurses
- ▶ Doctors
- ▶ Environmental services personnel

Some tasks that may have a higher risk of exposure include:



Task or Anticipated Hazard for which PPE may be required*	Potential respiratory, eye and face protection options**
Unpacking hazardous drugs (HD)	 +  OR  OR 
Known or suspected airborne exposure to powders or vapours Compounding HDs without ventilated engineering controls Attending to HD spills Deactivating, decontaminating, and cleaning underneath the work surface of a ventilated hood	 OR 
Cutting, crushing or manipulating tablets or capsules without ventilated engineering controls	 +  OR  +  OR  OR 
Handling drug contaminated waste with inhalation potential Administering certain formulations of HDs to Patients Handling patient body fluids that may contain HDs	 +  OR  +  OR  OR 

*Based on facility hazard assessment, relevant occupational exposure limits, exposure and exposure assessment.

**In addition to other PPE. This guide may not be inclusive of all options that could be used in the listed settings See page 4 of this brochure for information on the difference between FFR and Surgical FFR. It is the responsibility of the healthcare organization to determine suitability of any personal protective equipment used in their facility and ensure compliance with all applicable regulations including the respiratory protection program requirements of U.S. OSHA 29 CFR 1910.134, or local equivalent, when respiratory protection is used.

† Used with appropriate filters/cartridges for hazard.

†† Eye and face protection must be worn when there is a risk of spills or splashes of HD's or HD waste materials when working outside of a ventilated device (USP-800)

1) Hazardous Drugs includes pharmaceutical actives that may be carcinogenic and/or mutatoxic and/or genotoxic and/or cytotoxic and/or teratotoxic for example.

Get the right protection for the job.

Disinfection and chemical use.

Disinfectants and other chemicals used in healthcare facilities are essential for keeping patients safe and care delivery. These chemicals can be potentially hazardous to the workers using them. Potential routes of exposure can include eye or skin absorption and inhalation if the chemicals become airborne as gases, vapours or particulates. Hazard and chemical exposure assessment are critical for worker health and safety to determine approaches to help reduce risk and put appropriate controls in place.

Potential workers at risk:

- ▶ Environmental services staff
- ▶ Laboratory personnel
- ▶ Central sterile supply staff
- ▶ Operating room staff



Task or Anticipated hazard for which PPE may be required*,§	Potential respiratory, eye and face protection options**
High level disinfection of medical instruments or devices using glutaraldehyde High level disinfection of medical devices or instruments, medical instruments or devices using peracetic acid (PAA) High level disinfection of medical instruments or devices, environmental disinfection using hydrogen peroxide	Half Facepiece Reusable Respirator† Goggles and Faceshield†† Full Facepiece Reusable Respirator† Powered Air-Purifying Respirator†
Tissue preservation in the laboratory, processing operating room specimens using formaldehyde†	Half Facepiece Reusable Respirator† Goggles† and Faceshield†† Full Facepiece Reusable Respirator† Powered Air-Purifying Respirator†

*Based on facility hazard assessment, relevant occupational exposure limits, exposure and exposure assessment.

**In addition to other PPE. This guide may not be inclusive of all options that could be used in the listed settings See page 4 of this brochure for information on the difference between FFR and Surgical FFR. It is the responsibility of the healthcare organization to determine suitability of any personal protective equipment used in their facility and ensure compliance with all applicable regulations including the respiratory protection program requirements when respiratory protection is used..

† Used with appropriate filters for contaminant.

†† Eye and face protection may be needed based on exposure assessment

§ Not a complete list of potentially hazardous chemicals

Filtering Facepiece Respirators

Globally trusted filtering facepiece respirators (FFRs) to help protect against particulates.

Performance, potential hazards, comfort and a proper fit are all important. 3M gives you options to choose the respirator that best fits your specific needs.

When properly fitted, 3M™ FFRs help create a seal between the face and the respirator including viruses and bacteria; and are scientifically designed to help make respiratory protection comfortable.



3M™ Aura™ Health Care Particulate Respirators



- ▶ Soft nosefoam and smooth inner materials enhance comfort
- ▶ Designed for the highest level of fluid resistance to splash and spatter of blood and other infectious materials*
- ▶ Meet the requirements of EN149:2001+A1:2009, filtering facepiece and EN 14683:2019 Type IIR, Medical face masks for use to limit the transmission of infective agents from staff to patients and for use during surgical procedures.
- ▶ Three panel flat fold design that makes it suitable for a wide range of face shapes and sizes



Model	1861+	1862+	1863+	1872+	1873+	1883+
EN14683 Classification	IIR	IIR	IIR	N/A	N/A	IIR
EN149 Classification	FFP1 NR D	FFP2 NR D	FFP3 NR D	FFP2 NR D	FFP3 NR D	FFP3 NR D
Exhalation Valve	No	No	No	Yes	Yes	Yes (shrouded)
NPF*	4	12	50	12	50	50

*NPF = Nominal Protection Factor. Other countries, (for example UK, Germany and Italy) may use different protection factors. Please consult local legislation.

Filtering Facepiece Respirators



3M™ Aura™ Health Care Particulate Respirator 1861+, 1862+ and 1863+

- Flat-fold design optimises storage and portability
- Individual packaging helps prevent contamination
- Soft nosefoam and smooth inner materials enhance comfort
- Helps accommodate facial movements while talking
- Sculpted nose panel allows more room for eyewear
- Embossed top panel helps reduce eyewear fogging
- Designed for the highest level of fluid resistance to splash and spatter of blood and other infectious materials*

*According to Type II R Surgical Mask as mentioned in EN 14683



3M™ Aura™ Health Care Particulate Respirator 1873V+ and 1872V+

- Flat-fold design optimises storage and portability
- Individual packaging helps prevent contamination
- Soft nosefoam and smooth inner materials enhance comfort
- Helps accommodate facial movements while talking
- Sculpted nose panel allows more room for eyewear
- Embossed top panel helps reduce eyewear fogging
- Exhalation valve provides a cooler more comfortable wear



3M™ Aura™ Health Care Particulate Respirator 1883V+

- The shrouded valve helps to provide a cooler more comfortable wear by removing heat build up
- Flat-fold design optimises storage and portability
- Individual packaging helps prevent contamination
- Soft nosefoam and smooth inner materials enhance comfort
- Helps accommodate facial movements while talking
- Sculpted nose panel allows more room for eyewear
- Embossed top panel helps reduce eyewear fogging
- Designed for the highest level of fluid resistance to splash and spatter of blood and other infectious materials*
- Combines optimal personal protection and optimal patient or aseptic environment protection

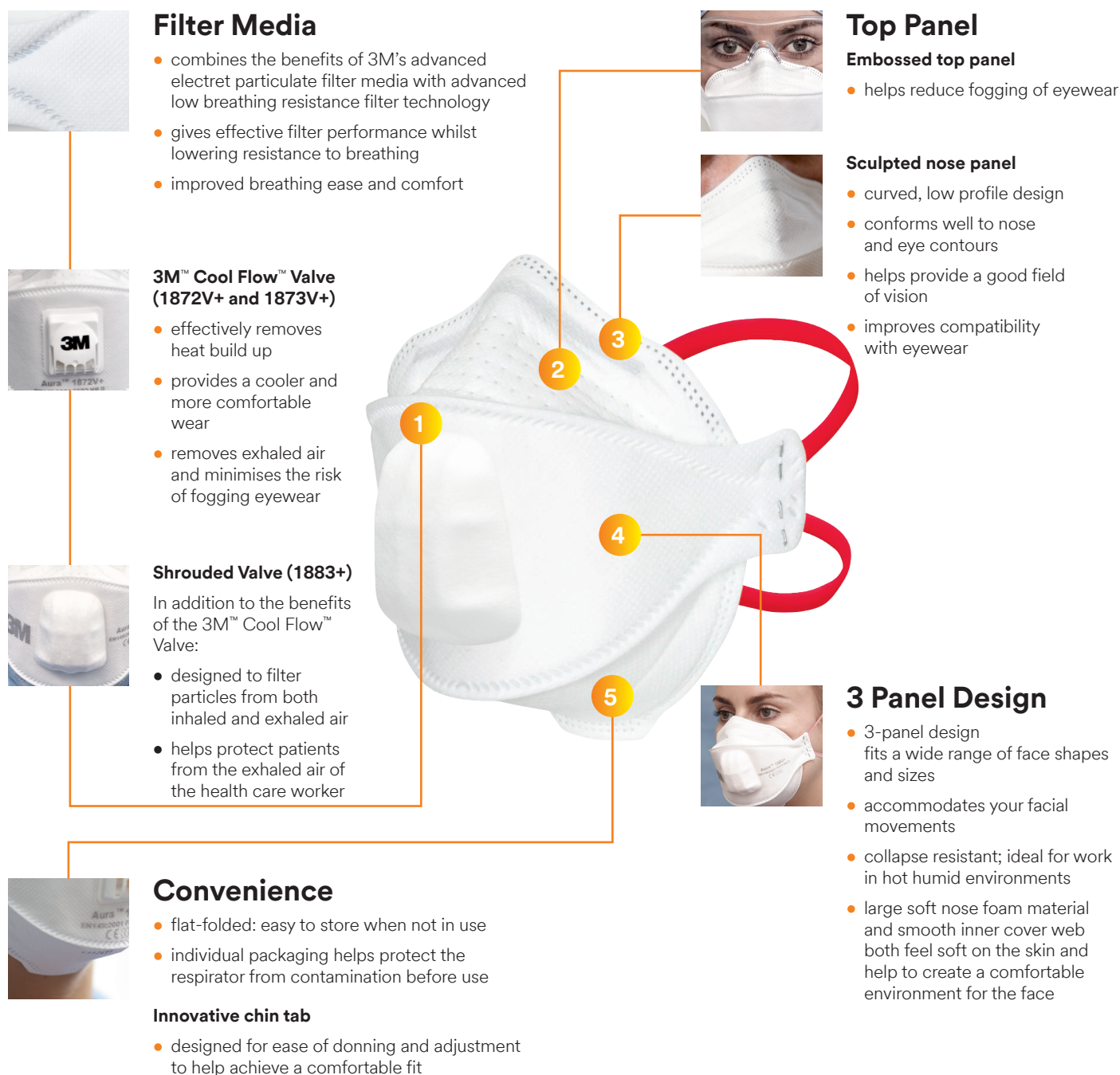
*According to Type II R Surgical Mask as mentioned in EN 14683

3M™ Aura™ Health Care Particulate Respirators

3M™ Aura™ Health Care Particulate Respirators are the result of 3M's continuous drive to provide reliable protection while improving comfort for health care workers.

Respirators help protect wearers by reducing exposure to airborne particles that might be generated during medical procedures (bioaerosols, dusts, mists, etc). 3M's innovative low breathing resistance filter technology allows you to breathe through the 3M™ Aura™ respirator with the least amount of effort. In addition the embossed top panel helps reduce the fogging of eyewear from warm, moist exhaled air.

3M™ Aura™ respirators come with the kind of responsive support, access to technical personnel, reliable advice and dependable quality that a global brand like 3M can offer.



Filter Media

- combines the benefits of 3M's advanced electret particulate filter media 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 (1872V+ and 1873V+)

- effectively removes heat build up
- provides a cooler and more comfortable wear
- removes exhaled air and minimises the risk of fogging eyewear

Shrouded Valve (1883+)

In addition to the benefits of the 3M™ Cool Flow™ Valve:

- designed to filter particles from both inhaled and exhaled air
- helps protect patients from the exhaled air of the health care worker

Convenience

- flat-folded: easy to store when not in use
- individual packaging helps protect the respirator from contamination before use

Innovative chin tab

- designed for ease of donning and adjustment to help achieve a comfortable fit

Top Panel

Embossed top panel

- helps reduce fogging of eyewear

Sculpted nose panel

- curved, low profile design
- conforms well to nose and eye contours
- helps provide a good field of vision
- improves compatibility with eyewear

3 Panel Design

- 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
- large soft nose foam material and smooth inner cover web both feel soft on the skin and help to create a comfortable environment for the face

Fit test vs seal check: know the differences.



Protection from airborne contaminants.



These are as serious as physical hazards.



Fit is critical – one size does not fit all.



Shared responsibility.

Fit test

The responsibility of the employer

Required in all situations where tight-fitting facepieces are used as a control measure.*

Faces can vary widely in shape, size and proportion, so selecting the correct model is vital for safe fit.

Protection relies on achieving a **good seal** between the facepiece and the wearer's face.

Tight-fitting respirators should be tested: disposable respirators, reusable half masks and reusable full-face masks.

Fit testing should happen during the initial selection of a respirator, before being worn in a hazardous environment.

The most common **fit test methods** are the qualitative taste test and quantitative particle counting device.

Seal check

The responsibility of the wearer

The practice of the wearer **checking** their respirator for fit every time it is used.

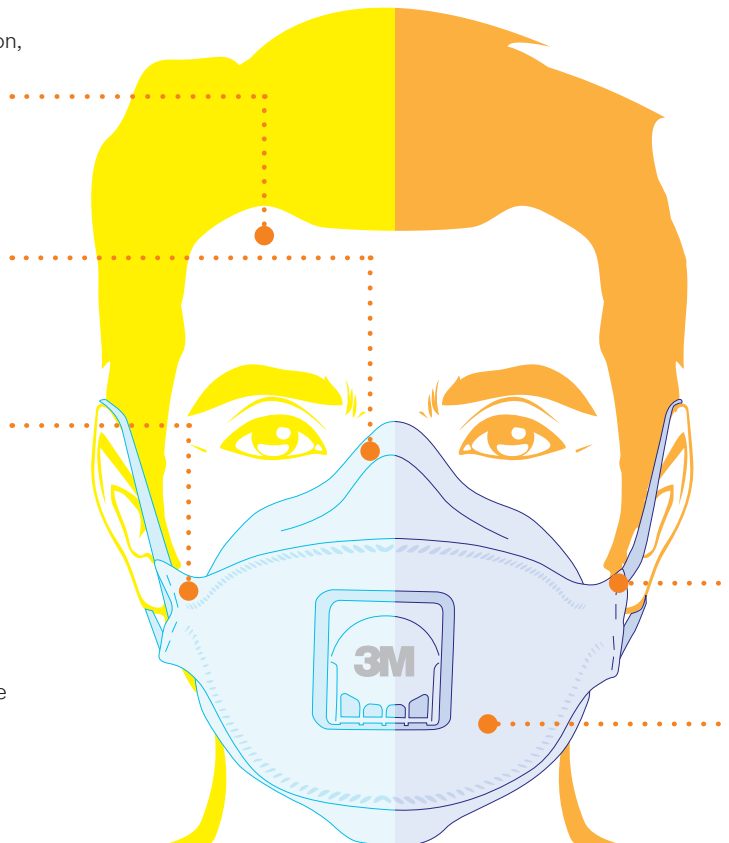
Work-related respiratory disease may be reduced when workers **understand** how to check that their device is positioned correctly.

Seal checking is not a regulatory requirement but should be regarded as good practice by the wearer.

It is important for users to be **trained** in the technique required for their model of respirator.

Following a successful fit test, the wearer is responsible for checking for fit **every time** the respirator is put on.

When fit checking, wearers use negative and positive **pressure** techniques to judge the quality of fit.



Visit our website for more details on fit testing and fit checking
3M.co.uk/respiratorfit

*According to national regulations.

Reusable Respirators

Comfortable, adaptable, and dependable, 3M has your face covered.

3M provides a full line of reusable respirators to help protect staff from the various potential hazards throughout healthcare facilities.

Half or full face mask reusable respirators can help provide respiratory protection against both particles and/or certain gases/vapours. Half mask respirators cover the lower half of the face, including the nose and mouth.

Full facepiece respirators also cover the eyes and much of the face, which can help provide a comprehensive single solution for respiratory, eye and face protection.



Particulates, Gases and Vapours.

Particulate filters help protect against airborne particles including bacteria, viruses and aerosolized powders or dusts. Gas and Vapour Filters help protect against gases and vapours and Combination Filters help protect against airborne particles, as well as gases and vapours.



Half mask reusable respirators*



7500 Series



6000 Series

Full facepiece reusable respirators*



6000 Series



7500 Series



6000 Series



6000 Series

Filters

	Part Number	CE approved for		Part Number	CE approved for		Part Number	CE approved for
	6035	Particulates		6051 / 6055	Organic Vapours (A1/A2)		6091	Organic Vapours and Particulates (A1P3)
	2125	Particulates		6075	Organic Vapours (A1) and formaldehyde		6095	Organic Vapours and Particulates (A2P3)
	2135	Particulates		6059	Organic and Inorganic gases and vapours, Acid gases and Ammonia. (ABEK)		6092	Organic and Inorganic gases and vapours, Acid gases, Ammonia and particulates (A1B1E1K1P3)

*Additional models may be available. Contact your 3M Sales Representative for more details.

Enhanced comfort. Versatile protection.

It's important to keep your employees safe on the job in hazardous conditions. That means providing them with protection that is comfortable and convenient: a Powered Air Purifying Respirator (PAPR) system.

3M™ Versaflo™ Powered Air Purifying Respirator (PAPR) Solutions for Healthcare.

Powered Air Purifying Respirators are battery powered, reusable systems that may cover the user's face and neck depending on the headtop that is worn. The particulate filter can filter 99.97% of particles. Powered Air Respirators can be used to help protect against airborne biological particles, such as bacteria and viruses and also certain gases and vapours.

Powered Air Respirator advantages:

- ▶ Integrated safety, with options for respiratory, head, eye and face protection.
- ▶ Designed for maximum comfort.
- ▶ Loose fitting headgear can eliminate the need for fit testing and can accommodate limited facial hair.
- ▶ Easy to assemble, disassemble, and troubleshoot for maintenance and decontamination.
- ▶ Lightweight and comfortable for long periods.

What you can count on with 3M™ Versaflo™ Powered Air Respirator systems:



Comfort

With Versaflo Powered Air Respirator systems, workers may experience added comfort wearing their PPE, which may help to improve compliance.



Ease

Easy to use and easy to maintain, Versaflo Powered Air Respirator systems make for an easy choice.



Versatility

Versaflo systems can offer an integrated system that you can easily customize for different work environments and worker needs.

Find the right fit for your environment

The entire series of 3M™ Versaflo™ blowers was developed to give you the choice you need to handle the hazards you face.



Feature	TR-300E+	TR-600
HEPA filter	Yes	Yes
Gas and vapour cartridges	No	Yes
Battery run time	High capacity: 8-12 hours	Standard: 5-13 hours High capacity: 8-19 hours
Battery charge time	<3.5 hours	<4.5 hours
Adjustable airflow	Yes	Yes
Alarms	Visual/Audible	Visual/Auditory/Vibratory
Cleaning and disinfection	Wipe down	Wipe down or submerge with optional cleaning kit



Choose the right filter for your PAPR.

You can count on 3M filters and cartridges to give you the versatility you need to help handle a wide range of hazards.

What types of filters are available?

Particulate filters help protect against airborne particles including bacteria, viruses and aerosolized powders or dusts. Combination Filters help protect against airborne particles as well as certain gases and vapours.



TR-300+



TR-3712E
(Particulate)



TR-600



TR-6710E
(Particulate)



TR-6130E
(ABE1P)



TR-600



TR-6710E
(Particulate)



TR-6130E
(ABE1P)



TR-6580E
(ABE2K1HgP)



Healthcare

A wide field of view allows you to see more of your work as your patients see more of your face, while also accommodating stethoscope use.

- ▶ TR-300+-HKL
- ▶ TR-600-HKL



Easy-Clean

Get all benefits of a PAPR system that is easy to clean and maintain.

- ▶ TR-300-ECK
- ▶ TR-600-ECK

*Additional 3M filters are available. Contact your 3M Sales Representative for more details.

Choose your headtop.

Lightweight, versatile and easy to maintain, 3M™ Versaflo™ S-Series headtops help protect your workers from a variety of contaminants while maintaining comfort.



Comfortably fits most wearers and offer a wide field of view.

Continuous airflow may help provide comfort for long periods of wear.

Multiple lightweight soft hood and headcover options to provide different levels of protection for different needs.

S-Series hoods can be used with several different powered air purifying respirator combinations.



**3M™ Versaflo™
Headcover S-133**

Head and face coverage.
Integrated comfort suspension. Allow easy access to ears for use with a stethoscope or to help support communication.



**3M™ Versaflo™
Hood S-433**

Head, face, neck and shoulder coverage.
Integrated suspension.

Staying protected is key.

Protective coveralls, protective goggles, and protective eyewear designed to help keep you safe.

In addition to other PPE, protective coveralls, protective goggles and eyewear can also be used to help reduce exposure risk and help workers stay protected. 3M has a wide range of solutions that combine performance with comfort, designed to help keep you safe on the job.

3M™ Protective Apparel

High quality products which help protect against certain hazards.

Just like with respirators, when choosing protective coveralls, it's essential to consider the potential hazards. 3M™ Protective Apparel can offer a wide variety of benefits depending on your needs. Our range of coveralls are designed to help keep you protected from specific hazards. As a result, the way they look, their features and even the material they're made from is different. We know that choosing the right type of coveralls can seem daunting, so we've prepared a selection flow chart to help. We also offer a range of essential and practical PPE apparel accessories such as overboot covers, overshoe covers and oversleeves.

3M™ Protective Coverall 4565

Made from a soft lightweight fabric with taped seams, providing a very good barrier to hazardous particles and limited liquid splash and spray.

- ▶ Elasticized hood, ankles and waist
- ▶ 2 way zip with fully sealable storm flap
- ▶ 3-panel hood
- ▶ Knitted cuffs
- ▶ Ultra low linting
- ▶ Anti-static
- ▶ Multiple Sizes: Small, Medium, Large, Extra Large and Extra Extra Large

Limited splash



Particle



Spray



Antistatic



Limited microorganism



Help workers see clearly, for longer.

See what you've been missing with 3M™ Scotchgard™ Protector Anti-Fog Coating.

Protective goggles help safeguard workers eyes from a variety of hazards including liquid droplets³ and large dust particles⁴ according to EN166. One of the main issues associated with protective goggle use is fogging. A fogged lens can be not only frustrating, but also dangerous. For example, removing protective goggles to wipe away fog can expose eyes to workplace hazards. 3M™ Goggle Gear 500 Series with 3M™ Scotchgard™ Anti-Fog Protector Coating resists fogging longer than traditional 3M anti-fog coatings, through up to 25 washings with water*, helping workers see clearly, longer. Designed for working in challenging environments, such as hot and humid conditions, indoor/outdoor work, physically demanding tasks and climate-controlled areas.



GG501SGAF - 3M™ GoggleGear 500 Series with Clear 3M™ Scotchgard™ Anti-Fog Lens

GG501NSGAF - 3M™ Goggle Gear 500 Series with Clear 3M™ Scotchgard™ Protector Anti-Fog Coated Lens and Neoprene Strap



Neoprene goggle straps can be sterilized by autoclaving*.

*Based on 3M internal testing per EN168 test method when compared with traditional 3M anti-fog coatings



Illustration of lens with (right) and without (left) 3M™ Scotchgard™ coating



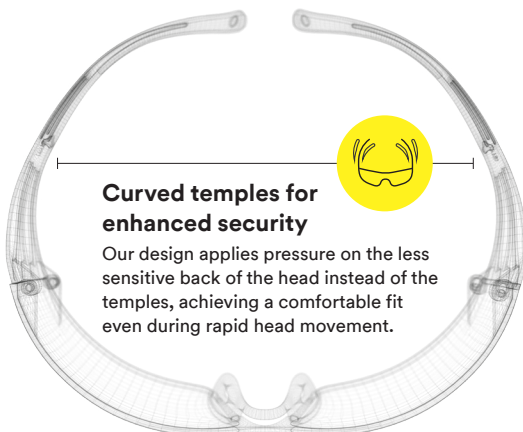
Protective eyewear with performance, style and comfort.

3M™ SecureFit™ Protective Eyewear: helping to keep you safe and comfortable on the job.

Protecting your eyes from potential hazards on the job is important. 3M™ SecureFit™ Protective Eyewear Series is available with 3M™ Pressure Diffusion Temple Technology, which helps provide a secure, snug fit, without compromising comfort. This can help standardize eyewear across a diverse work force with varying head and face shapes. Better yet, the safety eyewear is lightweight, allowing your workers to wear the product all day long, comfortably.

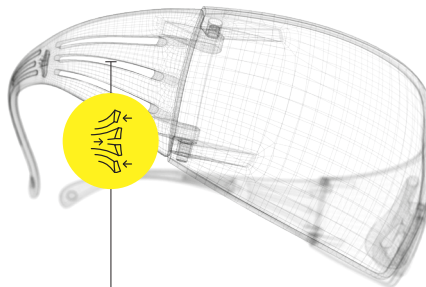


Designed to perform.



Curved temples for enhanced security

Our design applies pressure on the less sensitive back of the head instead of the temples, achieving a comfortable fit even during rapid head movement.



3M™ Pressure Diffusion Temple Technology

3M's innovative temple design features slotted ribs that provide comfortable pressure equalization, allowing the temples to flex and self-adjust to the size of the wearer's head.

SF401AF - 3M™ SecureFit™ Protective Eyewear 400 Series with Clear Anti-Fog Lens

- ▶ 2C-1,2 UV protection with good colour recognition. This product conforms to the requirements of the standard, providing UV protection for the complete specified range (210nm – 365nm)
- ▶ Meets the requirements of EN 166:2001
- ▶ Lightweight design, weighing less than 20g
- ▶ Soft temple tips and one-piece nose bridge

³ according to the EN 166 standard

⁴ according to the EN 166 standard

internal testing has been carried out on GG501NSGAF-EU samples subjected to 10x, 20x, 30x and 40x automatic cleaning and disinfection and sterilization by autoclaving at 121°C. Testing was then carried out on the following properties: - mechanical performance (BT), - anti-fog properties (K), - anti-scratch properties (N), - optical performance (Class 1). Based on the internal testing the claims remain valid.

Helping to provide reliable face protection

Protection from liquid splash and flying particles

3M™ Headgear helps provide reliable face protection and is compatible with 3M™ Faceshields WP-96. Featuring a thermoplastic crown and 5 position adjustable crown strap, H8 headgear offers workers a comfortable headgear with easy to replace faceshields.

WP96 is a robust moulded polycarbonate faceshield typically used when face protection is required against high speed particles and/or liquid splashes.



Why 3M?

50 Years of **Health and Safety Leadership**

3M helps protect workers in a changing world. Across diverse industries and applications, our technology, expertise and energy drive innovative solutions.

Our goal is to help protect you from hazards in the work environment, so you can focus on the job at hand.

Quality Stewards of quality



3M™ Disposable Respirators are tested and approved by European regulatory approval bodies.

In a world where counterfeits abound, put your trust in a manufacturer with over 50 years' experience.

Science and innovation



3M invests in the science, technologies and materials of respiratory protection.

Innovation based on end user needs ensuring products improve worker comfort and safety.

Manufacturing Increased capacity



3M has doubled respirator capacity, to 2 billion globally, at its global manufacturing facilities, including Europe.

Over 90% of disposable respirators sold in Europe manufactured in the region.

Over 40 years manufacturing expertise producing disposable respirators in Europe.

Sustainability 3M core value



For many years, sustainability has been a core value for 3M.

ISO14001 (environmental management system)
–European Disposable Respirator manufacturing plant has held certification since April 1999.

Regional manufacture helping to lower carbon footprint.

Respiratory Protection:



WARNING

These respirators help to protect against certain airborne contaminants. Proper selection, training, use and appropriate maintenance are essential in order for the product to help protect the wearer from certain airborne contaminants. Failure to follow all instructions on the use of these respiratory protection product and/or failure to properly wear the complete product during all periods of exposure may adversely affect the wearer's health lead to severe or life threatening illness or permanent disability. For suitability and proper use follow local regulations, refer to all information supplied or contact a safety professional or your local 3M Personal Safety Division.

Eye Protection:



WARNING

These eye or face protection products help provide limited eye and face protection. Misuse or failure to follow warning and instruction may result in serious potential injury, including blindness or death. For proper use, selection and applications against flying particles, optical radiation and/or splash see supervisor, read User Instructions and warning on the package or contact your local 3M Personal Safety Division. These 3M PSD products are for occupational use only.

Coveralls:



WARNING

Proper selection, training, use and appropriate maintenance are essential in order for the product to help protect the wearer. Failure to follow all instructions on the use of these personal protection products and/or failure to properly wear the complete product during all periods of exposure may adversely affect the wearer's health, lead to severe or life threatening illness or permanent disability.

Product Selection and Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards. Failure to properly evaluate, select, and use a 3M product in accordance with all applicable instructions and with appropriate safety equipment, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

Warranty, Limited Remedy, and Disclaimer:

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Except for the limited remedy stated above, and except to the extent prohibited by applicable law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

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