

3M Health Care  
Infection Prevention



# Proven Personal Protection



# 3M Infection Prevention for the Health Care Environment



## 3M Health Care Support

3M Health Care provides quality products and appropriate supporting services to enable correct product use and optimised outcomes. 3M works alongside with health care organisations to prevent the infection of health care professionals and patients.

## Legislative Overview

A need to comply with health and safety legislation coupled with an increase in antibiotic resistant micro-organisms and the re-emergence of 'old' infectious diseases such as tuberculosis, has created the need to better protect health care professionals and patients. The employer is duty bound by law to take all reasonable steps to safeguard the employee from the risk of exposure to potentially harmful substances in the workplace<sup>1</sup>. Likewise, the employee is duty bound to cooperate with the employer towards the common objective of reducing the risk of exposure to harmful substances by whatever suitable control methods are implemented, for example, correctly wearing Personal Protective Equipment (PPE) including respirators. The risk of exposure to airborne hazards, eg. biological agents, is present in infectious disease wards, theatres, endoscopy units, ICU, pharmacy, A&E, and mortuary areas.

## Selecting the correct protective device

Selecting and wearing the appropriate protective device at appropriate times is critical in preventing or minimising infection. It is important to understand whether a surgical mask or a respirator is required. If a respirator is appropriate, it is important to know what protection level is needed. This brochure seeks to give greater guidance to anyone selecting protective devices.

## Product Overview

3M offers a wide choice of products that meet your specific needs:

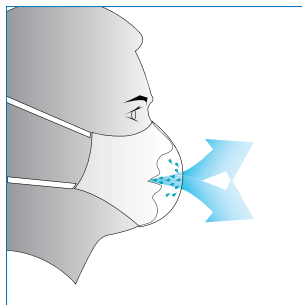
- All 3M PPE products are CE marked to the European Community Directive 89/686 for Personal Protective Equipment (PPE).
- 3M respirators are tested and approved to the European Standard; EN149:2001. They are classified into one of three categories (FFP1, FFP2 and FFP3) dependent upon their level of protection. In practice, FFP1 respirators are suitable for applications where a lower filtering efficiency and protection factor is required. FFP3 respirators should be used where the highest levels of filtering efficiency and protection factor are required.
- Please note, that all unvalved respirators (3M™ 1861, 3M™ 1862 and 3M™ 1863) and the shrouded valve respirator (3M™ 1883) meet the new requirements of Type IIR with the European Standard EN14683:2005 and comply with the requirements of the Medical Devices Directive (93/42/EEC) as Class 1 devices.
- Please note that surgical masks are not PPE as defined under the European Directive 89/686.

<sup>1</sup> Control of Substances Hazardous to Health Regulations (COSHH) 2002 (as amended)

## What is the difference between a surgical mask and a respirator?

### Surgical masks

Surgical masks are not PPE, they protect the patient and the surgical area from contamination. Surgical masks prevent droplets being expelled into the environment by the wearer and protect patients in surgery from these being transferred to the operative site.

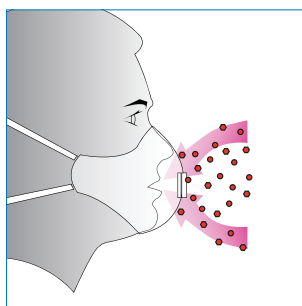


Surgical masks act as a barrier minimising direct transmission of infected agents from the health care professionals to patients or the surgical area.

### Respirators

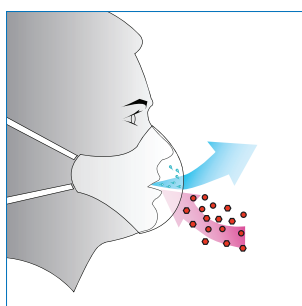
Respirators are PPE and are designed and used to reduce the potential exposure of the wearer to airborne hazardous contaminants. 3M™ 1800 Series Respirators protect the wearer from inhaling airborne micro-organisms. The unvalved and the shrouded valve respirator can additionally act as both respirator and splash resistant surgical mask (by reducing patient contamination caused by exhaled organisms from health care professionals and protecting the wearer from blood and body fluids splashes).

#### Valved Respirator



Valved respirators protect the wearer from airborne hazardous contaminants

#### Unvalved Respirator



Unvalved respirators give the protection of both a respirator and a surgical mask



## 3M™ 1800 Series Particulate Respirators

3M 1800 series particulate respirator range offers the wearer comfortable and reliable protection.

### Features and Benefits

#### Foldable – 3-panel design

- Fits a wide range of face shapes and sizes
- Accommodates facial movement during speech
- Easy to achieve compatible fit with eyewear

#### Nose Foam

- Made of sweat absorbent material (to avoid slippage on face)
- Soft on the skin for comfortable fit

#### 3M™ Advanced Electret Filter Material

- Effective filtration to provide protection
- Low breathing resistance for comfortable wear

#### 3M™ Cool Flow™ Valve

- Effective removal of heat and moisture build up provides a cooler and more comfortable wear
- Minimises the risk of misting eyewear
- Only featured on the 3M™ 1872V + 3M™ 1873V

#### Headbands

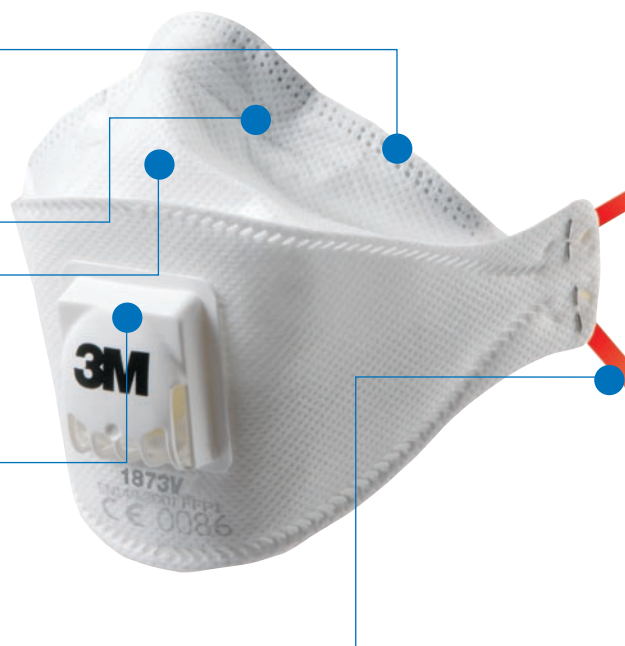
- Colour coded to indicate performance level  
Yellow - FFP1, Blue - FFP2, Red - FFP3

#### Individual packaging

- Hygienic packaging protects the respirator from contamination before use and during storage

#### 'Latex free'

- Does not contain any components made from natural rubber



The performance of these products relies on the wearer achieving an adequate seal between the facepiece and their face, thus ensuring contaminated air does not leak in. For this reason a mandatory fit test is required.



**3M™ 1861 Unvalved Respirator**  
EN149:2001, FFP1

Respiratory protection against:

- Sub-micron particles
- Fine Dusts
- Oil, water and non-volatile liquid based mists
- APF - 4



**3M™ 1862 Unvalved Respirator**  
EN149:2001, FFP2

Respiratory protection against:

- Sub-micron particles
- Fine Dusts
- Oil, water and non-volatile liquid based mists
- APF - 10



**3M™ 1863 Unvalved Respirator**  
EN149:2001, FFP3

Respiratory protection against:

- Sub-micron particles
- Fine Dusts
- Oil, water and non-volatile liquid based mists
- Metal fume
- Biological agents e.g. TB, SARS
- APF - 20



## 3M™ 1883 Shrouded Valve Respirator

Comfortable two way protection.

### Unique FFP3 respirator with comfortable two-way protection

The new 3M 1883 respirator will help protect you, your team and your patients, breath by breath, giving airborne infection less room to spread. It is designed to be worn by health care professionals in isolation wards, operating rooms and other aseptic environments.

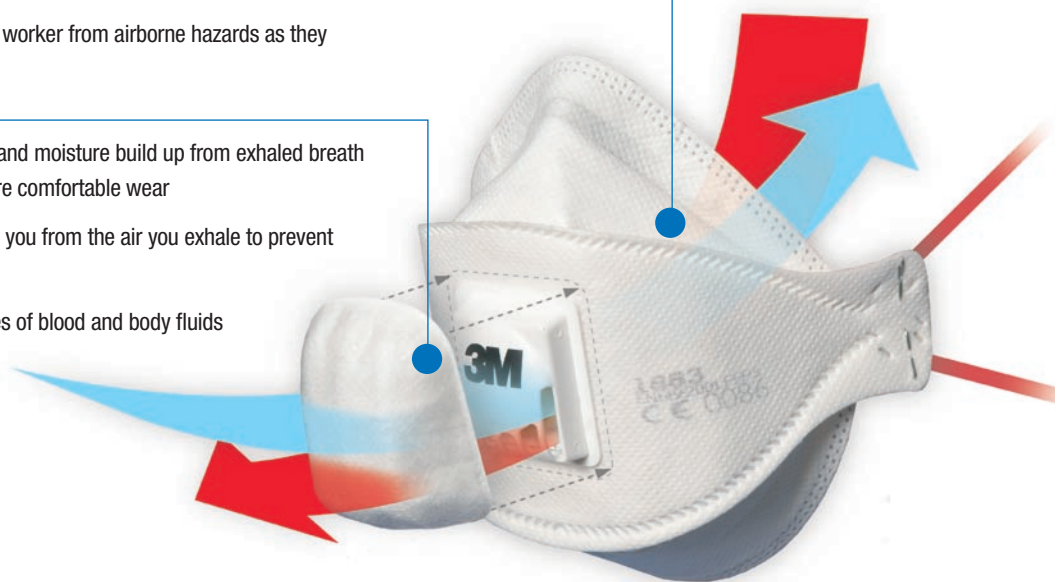
As an FFP3 respirator, it gives you high level protection from airborne hazards such as micro-organisms, as you breathe in. The raised breathing cage over the valve is covered with a special filter medium: this acts as a surgical mask, helping shield those around you from the air you exhale without restricting your breathing comfort, and also protects you from splashes of blood and body fluids.

#### FFP3 Respirator

- To protect the health care worker from airborne hazards as they breathe in

#### Shrouded Valve

- Effective removal of heat and moisture build up from exhaled breath provides a cooler and more comfortable wear
- Helps shield those around you from the air you exhale to prevent patient infection
- Protects you from splashes of blood and body fluids



#### 3M™ 1872 Valved Respirator EN149:2001, FFP2

Respiratory protection against:

- Sub-micron particles
- Fine Dusts
- Oil, water and non-volatile liquid based mists
- APF - 10



#### 3M™ 1873 Valved Respirator EN149:2001, FFP3

Respiratory protection against:

- Sub-micron particles
- Fine Dusts
- Oil, water and non-volatile liquid based mists
- Metal fume
- Biological agents e.g. TB, SARS
- APF - 20



#### 3M™ 1883 Shrouded Valved Respirator EN149:2001, FFP3

Respiratory protection against:

- Sub-micron particles
- Fine Dusts
- Oil, water and non-volatile liquid based mists
- Metal fume
- Biological agents e.g. TB, SARS
- APF - 20



## 3M™ 8835 Particulate Respirators

The 3M™ 8835 respirator offers the wearer a premium comfort respirator with a soft inner face seal and adjustable buckle straps.

### Features and Benefits

#### Cup Shaped

- Robust collapse-resistant shape
- Conforms well to the nose and different face shapes and sizes

#### Soft inner face-seal ring

- Helps provide secure face-fit
- Increases wearer comfort

#### 3M™ Advanced Electret Filter Material

- Effective filtration to provide protection
- Low breathing resistance for comfortable wear

#### 3M™ Cool Flow™ Valve

- Effective removal of heat and moisture build up from exhaled breath provides a cooler and more comfortable wear
- Minimises the risk of misting eyewear

#### Buckle Straps

- Adjustable straps for a good fit



## Respiratory Protection Equipment Selection Guide: Health Care Environment

Department	Hazard	3M 1862, 3M 1863, 3M 1883	3M 1872V, 3M 1873V and 3M 8835	Eye Protection
Path Labs	Particulate - Micro-organisms inhalation	✓	✗	✓
Infection Control	Particulate - TB, Avian Flu, Pandemic Flu inhalation	✓ (1863 or 1883)	✓ (1873V or 8835) if prevention of wearer exhaled contamination is not required	✓
Waste Disposal	Particulate - Biological waste inhalation	✓ (1863 or 1883)	✓ (1873V or 8835) if prevention of wearer exhaled contamination is not required	✓
Post Mortem/ Infected Patient autopsy	Particulate - Micro-organisms inhalation	✓ (1863 or 1883)	✓ (1873V or 8835)	✓
Out patients	Particulate - Plaster of Paris dust inhalation	✓	✓	✓

This guide is only an outline. It is designed to help focus on the most appropriate 3M personal protective equipment for particulate hazards. It should not be used as the only means of selecting a respirator. Details regarding performance and limitations are set out on the respirator packaging and datasheets. For more information see our dedicated website [www.3m.co.uk/fittestsupport](http://www.3m.co.uk/fittestsupport).

## 3M™ 7500 Series Reusable Half Masks

3M™ 7500 Series Premium Comfort Half Masks offer unrivalled comfort and fit due to the exceptionally soft silicone face seal. When fitted with 3M™ 6035 Filters they provide an alternative option to disposable respirators and can be decontaminated between uses.

### Nose Bridge

- Special thin nose bridge that improves flexibility and lowers pressure in this region - the most commonly sited area for face seal discomfort

### Head Harness

- Reduces pressure on back of head and tension on face

### Soft pliable silicone face seal

- Provides exceptional comfort and performance
- Silicone material provides more flexibility and lighter contact with face
- Fits an extremely broad range of face shapes and sizes
- Weep hole helps eliminate sweat accumulating between face and face seal

### 3M™ 6035 P3R Encapsulated Filter Port

- Twin side mounted filters give balanced feel and improved field of vision
- Swept back unique 3M™ Bayonet Filter attachment system provides a safe and secure fit
- Filter media protected by plastic case
- Same assigned protection factor (APF) as FFP3 respirators i.e. 20

### Available in three sizes distinguished by different colours

- 3M 7501 - Small (grey)
- 3M 7502 - Medium (light blue)
- 3M 7503 - Large (dark blue)

### Also available

- 3M™ 106 respirator carry case





## Powered Air Respirators

The 3M™ Jupiter™ Powered Air Respiratory System is an easy-to-use, versatile, respiratory solution. Simply attach the turbo via a breathing tube to the head top of your choice! This flexible approach allows you to select the right head top to perform your chosen task. The complete system provides an Assigned Protection Factor (APF) of 40. For full details see page 15.

### Convenience of a hanging loop

### Improved shape

- The new design of the headcovers and hoods more closely profiles the wearer's head for improved appearance compared to other designs that tend to "peak."

### Improved visibility

- Visors have an excellent field of vision particularly downwards, with reduced curvature for decreased reflections and glare.

### Excellent airflow

- All wearers benefit from excellent airflow distribution for improved comfort and lower noise.



#### 3M™ HEADCOVER S-333G

Provides head and face coverage, as well as providing eye and face protection to EN166 - liquid splash and low energy impact with durable, soft, quiet, low-linting fabric.



#### 3M™ HEADCOVER S-533

Similar to S-333 but with a more durable, soft, quiet, low-linting fabric that more readily drapes comfortably over the wearer.



#### 3M™ JUPITER™ TURBO UNIT

Provides protection against particulates, gases or vapours, or against a combination of these contaminants depending on the types of filter used.



#### 3M™ BREATHING TUBE

3M™ S-Series Headtops connect to all air delivery units via the new 3M™ BT-Series Breathing Tubes.



# Respiratory Facepiece Fit Testing

## Introduction

Checking that a respirator, with a tight fitting facepiece, seals adequately to the wearer's face, has long been considered best practice as part of a Respiratory Protective Equipment (RPE) programme. With the introduction of the Control of Substances Hazardous to Health Regulations 2002 (COSHH) and the supporting Approved Codes of Practice, fit testing is now a mandatory requirement. Respirators with tight fitting facepieces, including the 3M™ 1800 and 3M™ 7500 Series Respirators, require a fit test. Surgical masks do not require a fit test.

Please refer to the OH&ES technical bulletin (Ref. CHFTTB) for further information on some methods of fit testing and the details on products 3M offer to support a fit testing regime. Available as download from our website [www.3m.co.uk/fittestsupport](http://www.3m.co.uk/fittestsupport)

## When to fit test

### Fit testing should be carried out:

- On all wearers of RPE with tight fitting facepieces, e.g. 3M™ 1800 and 3M™ 7500 Series respirators, where fit testing has previously not been performed
- During initial selection of RPE

### Fit testing should be repeated at regular intervals or at appropriate times such as:

- If the RPE wearer significantly loses or gains weight, has major dental work or sustains a major facial injury
- If a different size or model of RPE is specified

Fit testing is in addition to the requirement to perform a pre-use fit check.

## 3M™ Qualitative Fit Testing

3M qualitative fit tests provide a pass or fail result based upon the wearer tasting a test agent. They provide a subjective measure of the quality of the seal of the facepiece to the wearer's face.

**These tests are suitable for disposable respirators and half masks.**

### 3M offers two kits:

- 3M™ FT10 includes a sweet tasting test agent
- 3M™ FT30 includes a bitter tasting test agent

The choice between the bitter and sweet test kit is a personal one, however a small percentage of the population are unable to detect saccharin – if you discover this in your workforce, the bitter test must be used.

**During the fit test a series of exercises pictured below are performed involving breathing, head movements and talking. Each exercise should last one minute.**



If the entire test is completed without the wearer tasting the aerosol - a fit test pass results.

If the taste of the aerosol is detected at any point during the test, the test is terminated and repeated after a break.



## Respiratory Protection for Health Care Workers

### Before fitting, decontaminate your hands by washing or using an alcohol gel



1. The noseclip is located in the top panel. Pre-form it by gently bending the centre of the panel with thumb and index finger. Hold the respirator in one hand and pull out the bottom panel.



2. Turn the respirator over to expose the headbands, letting them hang free.



3. Cup the respirator under your chin and pull the headbands over your head. Locate the lower band below your ears and the upper band across the crown of your head.



4. Adjust the top and bottom panels for a comfortable, snug fit.



5. Using both hands, mould the noseclip to the shape of the lower part of the nose. Avoid pinching the nosepiece with only one hand, as this can result in less effective respirator performance.



6. For unvalved respirators cup both hands over the respirator and exhale sharply. You should feel a slight positive pressure inside the facepiece. If you do not, then reposition the facepiece and noseclip, and repeat the check.

For valved respirators, cup both hands over the respirator and inhale sharply. You should feel the respirator collapse slightly. If you do not, reposition the facepiece and noseclip and repeat the check.



7. To remove the respirator, take the corners of the respirator on both sides of your face between finger and thumb. Lift the respirator away from the face and then upwards, until the headbands come free from your head. As far as possible avoid contamination from the outside of the respirator surface. Dispose of the respirator immediately in a clinical waste bag. DO NOT RE-USE. Wash hands after disposal.

**Alternatively, the headbands can be snapped away from the mask at the side to avoid contamination.**

## 3M™ Protective Eyewear

Advanced Vision Protection for Health Care Workers.

3M protective eyewear provides professional protection and various adjustment options for increased security and comfort. 3M eye protection can be used where there is a risk of contamination of the eyes from splashes and droplets e.g. blood or body fluid secretions generated from treating patients e.g. endoscopy. All 3M eyewear is designed to be easily worn with 3M™ 1800 Series Respirators.

### 3M™ 2740 Protective Eyewear Features and Benefits

#### Premium protection

- Optical clarity Class 1: highest class
- UV Protection: reliable protection against specified levels of hazardous UV radiation

#### Anti-Scratch

- Features an extremely scratch-resistant coating ensuring improved durability

#### Anti-Fog

- A special coating which reduces fogging and ensures clearer vision

#### Wearer comfort

- Temple pivots enable the wearer to adjust the lens angle
- Soft temple tips
- Adjustable temple length

#### Compatibility

- Ideal combination with 3M™ 1800 Series Respirators



### Also available



#### 3M™ 2840 Comfort Line Spectacles

- Lens Colour: Clear
- Lens Material: Polycarbonate



#### 3M™ Virtua Spectacles

- Lens Colour: Clear
- Lens Material: Polycarbonate



#### 3M™ 2890S Comfort Safety Goggles

- Lens Colour: Clear
- Lens Material: Polycarbonate



#### 3M™ Tourguard™ III Small Bulk Over Spectacles

- Lens Colour: Clear
- Lens Material: Polycarbonate

**IMPORTANT:** 3M EYE PROTECTION WILL NOT PROTECT against nuclear radiation, X-rays, laser beams and low temperature infra-red (IR) radiation emitted by low temperature sources.



## 3M™ Surgical Masks

When comfort and protection are paramount.

The European Standard for surgical masks - requirements and test methods EN14683:2005 defines strict performance requirements for surgical masks in order to ensure a consistent level of quality based on the following properties:

- Bacterial filtration efficiency (BFE) (%)
- Differential Pressure (for measuring breathability)
- Splash resistance to blood and body fluids (R)

Surgical masks are categorised as Type I, Type IR, Type II, Type IIR depending on performance level. The 3M range of surgical masks meet the requirements of EN14683:2005 as Type II or Type IIR.



**1826 pleated ear-loop with noseband**  
EN14683 type II

- Latex-free rubber earloop design
- Low breathing resistance



**1819 pleated 4 ties with noseband**  
EN14683 type IIR

- Splash Resistant (R)
- Low breathing resistant



**1835FS pleated 4 ties with noseband**  
EN14683 type IIR with face visor

- Face shield and splash resistant (R)
- High level of comfort
- Low breathing resistance

- A comprehensive range of masks including earloop, tie on, face shield and splash resistant are available.
- The efficient protection properties and good facial fit of 3M masks give patients optimal protection, and the wearer maximum comfort.



## Standards and Legislation

### Tuberculosis

The Control of Substances Hazardous to Health Regulations<sup>1</sup> requires employers to conduct a risk assessment if any employees (staff, contractors, visitors) are or are likely to be exposed to hazardous substances. TB is a biological agent and is considered and defined under COSHH as a hazardous substance. Departments such as infection control wards should therefore have undergone a risk assessment to prevent and/or control the exposure of staff to the inhalation of infectious TB.

COSHH classifies biological agents into one of four Hazard Groups. According to the Advisory Committee for Dangerous Pathogens, who are responsible for categorising biological agents, TB is Hazard Group 3 (HG3)<sup>2</sup>. This is described as 'can cause severe human disease and may be a serious hazard to employees; it may spread to the community, but there is usually effective prophylaxis or treatment available'. The categorisation gives an indication of the inherent hazard of TB, however it doesn't take into account the total risks involved, therefore a 'suitable and sufficient' risk assessment should still be carried out. There are a series of control measures that will reduce exposure to staff of infectious TB. These include hand hygiene facilities, restricted access to certain wards and personal protective equipment.

If a risk assessment dictates the need to wear RPE for the control of exposure to staff of infectious TB, the advice given from the HSE states the use of a 'filter type RPE that controls exposure down to the lowest levels, i.e. the highest efficiency P3'.<sup>3,4</sup> 3M therefore would suggest the use of a FFP3 EN149:2001 respirator, such as the 3M™ 1873V or the use of reusable half mask respirator, such as the 3M™ 7500 series, fitted with the 3M 6035 (P3) filters.

### Pandemic Influenza

The pandemic infection control guidance from the World Health Organisation states that the use of PPE should be proportional to the risk of contact with respiratory secretions.<sup>5</sup> The use of a 'P3' level of protection, i.e. reduces exposure by a factor of 20, is currently advised for clinical procedures that generate aerosols. The guidance from the Department of Health<sup>6</sup> states that a respirator providing the highest possible factor available, i.e. an EN149:2001 FFP3 disposable respirator, should be worn by healthcare workers when performing aerosol generating procedures. 3M would therefore suggest consideration of a FFP3 EN149:2001 respirator, such as the 3M™ 1873v or a reusable half mask, such as the 3M™ 7500 series, fitted with 3M™ 6035 (P3) filters.

### References

1. Control of Substances Hazardous to Health Regulations 2002 (as amended). HMSO 2002.
2. Advisory Committee for Dangerous Pathogens (ACDP) – Approved List of Biological Agents HSE/HSC 2004.
3. Biological Agents: Managing the risks in laboratories and healthcare premises (HSE) 2005.
4. Respiratory Protective Equipment at Work – a practical guide HSE 2005 HSG (53).
5. WHO, "Infection Control Strategies for Specific Procedures in Health Care Facilities" – 2008.
6. Department of Health, Health Protection Agency, "Guidance for Pandemic Influenza: Infection Control in Hospitals and Primary Care Settings" – October 2005.

The information provided above is a summary and does not represent an official or complete interpretation of the legal environment. If specific questions arise, the law and individual guidance documents should be reviewed and relied upon. All relevant documents have been referenced and are current as of time of print.



## Ordering Information

To order direct from 3M or for details of our authorised distributors, please call 3M Health Care on **01509 613 151 (UK) or 00 353 28 03 555 (Ireland)**

3M Product Code	Description	Product Type	Items per box	Boxes per case	Items per case	NHS Supply Chain (codes in brackets not valid after 1/12/08)	Bunzl Healthcare Code
FT10	Fit Test (sweet)	Fit Test Kit	1	1	1	BTP041	MMFT10
FT30	Fit Test Kit (bitter)	Fit Test Kit	1	1	1	BTP047	MMFT30
FT11	Sensitivity Solution (sweet)	Fit Test Spare Part	1	6	6	BTP042	MMFT11
FT12	Fit Test Solution (sweet)	Fit Test Spare Part	1	6	6	BTP043	MMFT12
FT13	Fit Test Kit - Spare Nebulisers	Fit Test Spare Part	1	3	3	BTP044	MMFT13
FT14	Fit Test Kit - Spare Hoods	Fit Test Spare Part	2	5	10	BTP045	MMFT14
FT15	Fit Test Kit - Spare Collar	Fit Test Spare Part	1	1	1	BTP046	MMFT15
FT31	Sensitivity Solution (bitter)	Fit Test Spare Part	1	6	6	BTP048	MMFT31
FT32	Fit Test Solution (bitter)	Fit Test Spare Part	1	6	6	BTP049	MMFT32
1861	Particulate Respirator EN149:2001 FFP1 unvalved	Respirator	20	6	120	N/A (BTP009)	MM1861
1862	Particulate Respirator EN149:2001 FFP2 unvalved	Respirator	20	6	120	N/A (BTP003)	MM1862
1863	Particulate Respirator EN149:2001 FFP3 unvalved	Respirator	20	6	120	BTP006	MM1863
1872V	Particulate Respirator EN149:2001 FFP2 valved	Respirator	10	6	60	N/A (BTP010)	MM1872V
1873V	Particulate Respirator EN149:2001 FFP3 valved	Respirator	10	6	60	N/A (BTP011)	MM1873V
1883SV	Particulate Respirator EN149:2001 FFP3 shrouded valved	Respirator	8	6	48	N/A (BTP050)	MM1883SV
8835	Particulate Respirator EN149:2001 FFP3 valved	Respirator	5	10	50	N/A (BTP051)	MM8835
7501	Reusable Half Mask	Small Mask	10	1	10	N/A	MM7501
7502	Reusable Half Mask	Medium Mask	10	1	10	N/A	MM7502
7503	Reusable Half Mask	Large Mask	10	1	10	N/A	MM7503
6035	P3R encapsulated filters		20	4	80	N/A	MM6035
106	Respirator carry case		1	10	10	N/A	MM106
2740	Classic Line Spectacles	Eyewear	20	1	20	N/A	MM2740
2840	Comfort Line Spectacles	Eyewear	20	1	20	N/A	MM2840
7150	Virtua Spectacles	Eyewear	10	10	100	N/A	MM7150
41176	Tourguard III Clear Over Spectacles	Eyewear	20	5	100	N/A	MM41176
2890S	Goggles (Polycarbonate)	Eyewear	10	1	10	N/A	MM2890S
1826	Earloop Surgical Mask Type II	Surgical Mask	50	10	500	BWM025	MM1826
1819	Splash Resistant Mask Type II R	Surgical Mask	80	6	480	BWM036	MM1819
1835FS	Surgical Mask Type IIR	Surgical mask	50	6	300	BWM021	MM1835FS

3M Product Code	Description	Items per box	Boxes per case	Items per case	NHS Supply Chain	Bunzl Healthcare Code
<b>STEP 1 - A JUPITER TURBO UNIT</b>						
08500010P	Jupiter Turbo (includes comfort belt, calibration tube and airflow indicator tube, battery not included)	1	1	1	N/A	MM0850010P
<b>STEP 2 - A BATTERY</b>						
0070064P	Jupiter 8 hour battery	1	1	1	N/A	MM0070064P
<b>STEP 3 - A BATTERY CHARGER</b>						
0030058P	Jupiter Intelligent charger - single station	1	1	1	N/A	MM0030058P
<b>STEP 4 - A FILTER</b>						
4500025P	Jupiter P3 filters	1	12	12	N/A	MM4500025P
<b>STEP 5 - BREATHING TUBE</b>						
BT-20L	Breathing Tube for S-Series Hoods and Headcovers, M/L	1	1	1	N/A	MMBT-20L
BT-20S	Breathing Tube for S-Series Hoods and Headcovers, S/M	1	1	1	N/A	MMBT-20S
<b>STEP 6 - HEAD COVER</b>						
S-333LG	High Durability Headcover with Integrated Head Suspension, Grey, M/L,	1	1	1	N/A	MMS-333LG
S-533L	High Durability Hood with Integrated Head Suspension and Face Seal, M/L	1	1	1	N/A	MMS-533L

A 3M powered product requires a Jupiter turbo, a battery, a charger, a set of filters and choice of breathing tube and head cover.

## Support Materials

3M offers a range training and support materials including assistance for 'train the trainer' sessions, to ensure optimum PPE in use performance.

Support Material	3M code to quote
Technical Bulletin - Influenza	CHFLU
Technical Bulletin - TB	CHTB
Technical Bulletin - Update on COSHH	CHCOSHH04
Technical Bulletin - Respirator Facepiece Fit Testing	CHFITTB
Technical Bulletin - 3M™ Reusable Half Mask for use in the Health Care industry	CH7500HCARE
Poster - Fitting a 3M™ 1800 Series Respirator	CH1800FP
CD - 3M™ 1800 Series Respirators Product Training	CHHCARECD
Guide to Fit Testing	CHFTGV2
Fit Test Poster	CHFITTESTPOSTER

To order your free of charge support materials or for advice on respirators in the health care environment please call the 3M Occupational Health and Safety Helpline on **0870 60 800 60 (UK) or 1 800 320 500 (IRELAND)**

Dedicated Helpline for Healthcare Fit Testing  
**0845 60 44 196**

Downloadable from  
**[www.3m.co.uk/fittestsupport](http://www.3m.co.uk/fittestsupport)**



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