



# 3M™ 9300 Series Respirator

## Main Features

The advanced 3 panel design of the 3M 9300 Series Respirators means they are easier to breathe through and not prone to collapse. Being foldable they offer you more convenience than traditional cup shaped respirators. Its features include a headband material which keeps a near constant tension, reducing strap pressure and ensuring a secure fit to the face for a range of head sizes. The 3M™ Cool Flow™ exhalation valve minimises heat build-up and makes breathing easier and cooler.

Improved comfort is also achieved by using a soft material for sections of the respirator in contact with the skin.

The respirators are individually packed to avoid contamination during storage and the straps are colour coded, making identification easier.

## Approvals

The 3M 9300 Series Respirators have been shown to meet the Basic Safety Requirements under Article 10 and 11A of the European Community Directive 89/686. An EC type examination certificate is in force issued by the British Standards Institute. The product is CE marked.

## Materials

The following materials are used in the production of this product:

- Straps - Polyisoprene
- Nose Clip - Aluminium
- Filter - Polypropylene
- Nose Foam - Polyurethane
- Valve - Polypropylene / Polyisoprene

Weight : Unvalved - 10g  
: Valved - 15g

## Applications

RESPIRATOR	INDUSTRY
FFP1 - 9310/9312	- Rubber and plastics
	- Paint manufacture
	- Construction
	- Laboratories
	- Engineering
FFP2 - 9320/9322	- Agrochemicals
	- Agriculture
FFP2 - 9320/9322	- Iron and steel foundries
	- Pharmaceuticals
	- Construction
	- Agriculture
	- Base metal manufacture
	- Shipbuilding/repair
	- Potteries
	- Foodstuffs
	- Powdered chemicals
	- Laboratories
	- Quarrying/Stonemasonry
FFP3 - 9332	- Powdered additives
	- Saw mills
	- Battery manufacturing
	- Pharmaceuticals
	- Construction
FFP3 - 9332	- Welding and soldering
	- Chemical processing
	- Quarrying/Stonemasonry
	- Ship building/repair
	- Iron and Steel foundries

## Standards

These products have been tested to the European Standard EN149: 2001 and have met the requirements of this standard.

The main performance tests in this standard are:

- Filter Penetration
- Flammability
- Breathing Resistance
- Performance

## Correct Usage

The respirator may be used in concentrations of solid, water and non-volatile liquid based aerosols where the limits below are not exceeded.

Product	9310 9312	9320 9322	9332
Category	FFP1	FFP2	FFP3
Assigned Protection Factor (APF)*	4	10	20
Nominal protection Factor (NPF)	4	12	50

\*As per HSE publication HSG53.

## Warnings

- As with the use of any respiratory protective device, the wearer must first be trained in the proper use of the product.
- This product does not protect the wearer against gases, vapours or solvents from paint spray operations.
- Use only in adequately ventilated areas containing greater than 19.5% oxygen.
- Do not use when concentrations of contaminants are immediately dangerous to life or health.
- Leave the area immediately if:
  - breathing becomes difficult
  - dizziness or other distress occurs
- Discard and replace respirator if it becomes damaged, breathing resistance becomes excessive, or at the end of one shift.
- Never alter or modify this device

Respiratory protection is only effective if it is correctly selected, fitted and worn throughout the time when the wearer is exposed to hazards.

3M offers advice on the selection of products and training in the correct fitting and usage.

For help with selecting the most appropriate forms of 3M PPE and relevant Health and Safety legislation, or for more detailed product information, please contact the 3M Health and Safety Helpline on: 0870 60 800 60 (UK) or 1 800 320 500 (Ireland).

## Fit Testing

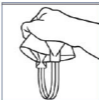
In the UK wearers should be fit tested according to the requirements of the Control of Substances Hazardous to Health Regulations (COSHH).

## Fitting instructions

Fitting instructions must be followed each time the respirator is worn.



- The noseclip is located in the top panel. Pre-form the noseclip by gently bending at the centre of the panel. Hold the respirator in one hand and pull out the bottom panel to form a cup.



- Turn respirator over to expose headbands.



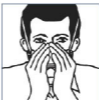
- Cup respirator under chin. Ensure the two straps are separated and pull the straps over the head, one at a time.



- Locate the lower strap below the ears and the upper strap across the crown of the head. Adjust top and bottom panels for a comfortable fit.



- Using both hands, mould noseclip to the lower part of the nose.



- To check fit, cup both hands over the respirator and inhale sharply. If air flows around the nose, re-mould the nosepiece.

**Note** - do not use with boards or other facial hair that may prevent contact between the face and edge of the respirator.