

# RESPIRATORS

## Nuisance Masks

The Health and Safety Executive warns people not to use "nuisance" dust masks if they are working with harmful dusts. They perform poorly and do not meet basic health and safety requirements. In line with the recommendation of the HSE, Flints does not have these masks listed here as part of the HSE campaign to reduce occupational asthma which affects between 1,500 and 3,000 people every year. However we do have some alternative masks listed online as part of our Covid-19 offering, including disposable 3-ply masks.

### Choosing the Correct Respirator

Our respirators are divided into three categories identified by the colour of the strap or the printing on the valve / respirator:

**FFP1** Identification colour

Low level fine dust/oil- or water-based mists [hand sanding, drilling and cutting]. Should reduce exposure by a factor of 4.

**FFP2** Identification colour

Moderate level fine dust/oil- or water-based mists [plastering, cement, sanding and certain wood dust] Should reduce exposure by a factor of 10.

**FFP3** Identification colour

Higher level fine dust/oil- or water-based mists [certain pharmaceutical powders, biological agents and fibres]. Should reduce exposure by a factor of 20.

**Speciality Respirators** Identification colour or or

Fine dust/oil or water mists. Options for metal fume, ozone and nuisance levels of certain gases and vapours depending on the model. Protection factor is generally identified by the strap colour. **D** when quoted indicated the mask has passed the Dolomite Test, and **A** indicates protection against Organic gases and vapours with boiling point >65°C



**3M 8810 Dust/Mist Respirator**  
Protection against moderate level fine dust, fibres, oil- or water-based mists. Sold in a box of 20.  
EN 149:2001 FFP2  
Assigned protection factor = 10

3M 8810	code	price
Box of 20	SAF093	£39.00

## FFP3 RESPIRATORS



**3M 8835+ Valved Dust/Mist Respirator** The 3M 8835+ respirator provides FFP3 protection - the highest for a disposable respirator. It can be used in most industrial applications where high level protection against fine dust, oil- and water-based mists is required. It has adjustable straps with a 3M Cool Flow™ valve, thermoplastic elastomer face seal and low breathing resistance. Sold in a box of 5.  
CE EN 149:2001 + A1:2009 FFP3.  
Assigned protection factor = 20

3M 8835+	code	price
Box of 5	SAF101N	£36.30

## SPECIALITY RESPIRATORS



**3M 8825+ Dust, Mist, Metal Fume Respirator** A 3M™ Cool Flow™ valved respirator which is very comfortable to use and suited to many heavy industrial situations such as certain metal fumes, oil- or water-based mists and fine dust.

Fitted with a soft face seal and adjustable straps. Alasdair's personal choice for sanding. CE EN 149:2001+A1:2009 FFP2D (D for Dolomite Clogging)

Assigned protection factor = 10

Really comfy soft seal

3M 8825+	code	price
Box of 5	SAF095N	£29.25

## RE-USABLE RESPIRATORS



**3M 7502 Reusable Soft Silicone Mask + 2138 Filters - for welding**

This reusable half mask can be fitted with a range of filters via the bayonet connection to adapt the type of protection for the job. We've opted to stock the 2138 filters which combined with the half-face mask filters gives CE EN143 P3R + Nuisance level organic vapour protection. This provides protection against fine dusts, oil or water based mists, as well as nuisance levels of organic vapours and acid gases associated with high energy welding such as MIG and TIG.

Welding mask	code	price
7502 Mask + full box of 2138 filters	SAFI02K	£45.68
2138 Filters	SAFI03	£11.50



**3M 4251+ Organic Vapour/Particulate Respirator**

These maintenance-free particulate, gas and vapour half mask respirators provide comfortable protection well appreciated by the user. If you are still working with organic vapours this is a good choice of respirator. CE EN 405:2001 + A1:2009 Type FFA1P2RD Provides protection against organic vapours (good warning properties and b.pt.> 65°C), up to 10x Workplace Exposure Limit (WEL) or 1000 ppm, whichever is lower, and 10 x WEL for particulates.

3M 4251+	code	price
	SAF090N	£21.30

## FFP1 RESPIRATORS



**3M 9310+ Foldable Dust Respirator**

Useful for a wide variety of applications, this single use mask is for low level fine respirable dust. Three panel design and soft cover web for greater comfort and fit. CE EN 149:2001 + A1:2009 FFP1  
Assigned protection factor = 4

3M 9310+	code	list	price	20+
	SAF079N	£1.49	£1.29	£1.15



**3M 8812 Valved Dust Respirator**

Mask for fine dust featuring the unique 3M™ Cool Flow™ valve to improve comfort. Excellent in hot and humid conditions. Sold in a box of 10. CE EN 149:2001 + A1:2009 FFP1  
Assigned protection factor = 4

3M 8812	code	price
Box of 10	SAF100	£17.43

## FFP2 RESPIRATORS



**3M 8822 Valved Dust/Mist Respirator**

The 3M 8822 respirator is for use in hot and humid environments and where FFP2 level protection is required. Featuring the new 3M™ Cool Flow™ easy-breathing exhalation valve, collapse resistance and stapled straps. Comfortable with its cooler-breathing design. Provides protection against moderate level fine dust, oil- or water-based mists. Sold in a box of 10.

CE EN 149:2001 + A1:2009 FFP2

Assigned protection factor = 10

3M 8822	code	price
Box of 10	SAF099	£26.90