



3M™ 8810

FFP2 Respirator

Cup Shaped FFP2 Respirator The 3M™ 8810 respirator provides lightweight, effective, comfortable and hygienic respiratory protection against dusts and mists. The convex shape, twin strap design, foam nose seal and aluminium nose clip ensure a good face seal over a wide range of face sizes. The 3M 8810 is exempt from costly time consuming maintenance requirements. The 3M 8810 is quite literally “maintenance-free”.

Robust shell and cup design

- + Traditional collapse resistant cup shaped design for reliable, effective protection against fine particulates.

3M Advanced Electret Filter Media

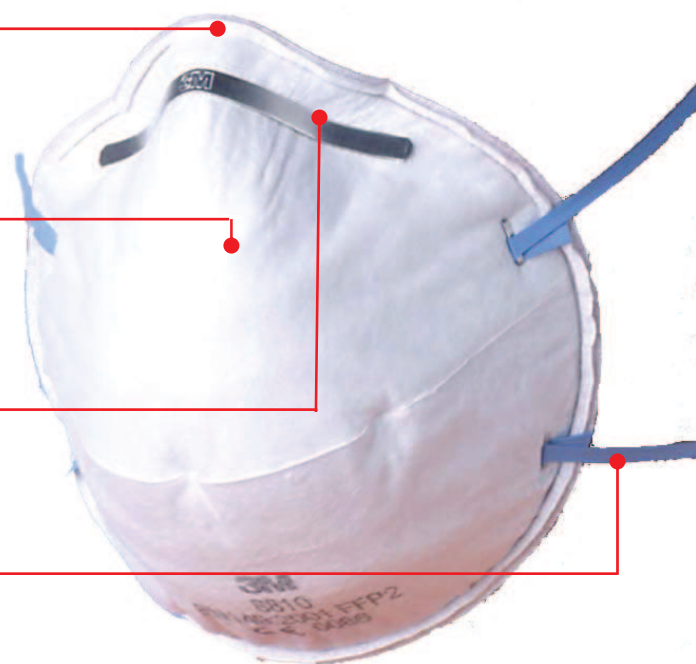
- + Effective filtration combined with low breathing resistance.
- + Consistent high level performance

Adjustable Nose Clip

- + Adjustable nose clip reduces eyewear fogging and helps ensure a better seal and fit.

Headbands

- + Two strap design
- + Colour coded straps for Identification **BLUE** for FFP2.



Efficiency and Protection Factor

The 8810 is at least 92% efficient against fine dusts, water based and non-volatile liquid aerosols down to 0.5 micron.

APF of 10 NPF of 12



3M™ Fit Test Kits

Fit-testing is a method of ensuring an initial good fit for respiratory protection.

Other 3M FFP2 Maintenance free Respirators



3M 9322
Fold Flat valved
Dust / Mist Respirator



3M 8822
Cup-Shaped valved
Dust / Mist Respirator

Typical Applications

Base Metal Manufacture, Pharmaceuticals, Laboratories, Foodstuffs e.g. Bagging, Powdered Additives, Powdered Chemicals, Sawmills



For additional information and limitations of use please refer to 3M8810 data sheet. Specifications may change without prior notification

Data Sheet

8810

Main Features

The 3M 8810 respirator provides lightweight, effective, comfortable and hygienic respiratory protection against dusts and mists. The convex shape, twin strap design, foam nose seal and aluminium nose clip ensure a good face seal over a wide range of face sizes.

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Applications

- Base Metal Manufacture • Pharmaceuticals
- Laboratories • Foodstuffs e.g. Bagging
- Powdered Additives • Powdered Chemicals
- Sawmills

Approvals

- ☐ The 3M 8810 has been shown to meet the Basic Safety Requirements under Article 10 and 11B of the European Community Directive 89/686.
- ☐ Meets the performance requirements of the European Standard for filtering facepiece dust respirators EN149:2001 FFP2
- ☐ Is suitable for use under COSHH, CAW, CLAW and IRR
- ☐ The product is CE-marked.
- ☐ The Product is Homologated

Materials

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

Straps	-	Natural Rubber
Nose-clip	-	Aluminium
Filter/shell	-	Polypropylene/Polyester
Nose foam	-	Polyurethane
Weight:	-	8g

Standards

The product has been tested to the NEW European Norm EN149:2001 and has met the requirements of category FFP2 in this standard.

The main performance tests in this standard are:

- ☐ **Filter Penetration**
- ☐ **Total Inward Leakage**
- ☐ **Flammability**
- ☐ **Breathing Resistance**
- ☐ **Performance**

The 8810 is at least 92% efficient against fine dusts, water based and non-volatile liquid aerosols down to 0.5 micron.

It offers an Assigned Protection Factor of 10* (Nominal Protection Factor of 12); i.e., it can be used in atmospheres containing up to 10 times the Occupational Exposure Limit (OEL) of contaminant as specified in the Health & Safety Executive Guidance note EH40.

As detailed in BS4275: 1997

Warnings

- ☐ As with the use of any respiratory device, the wearer must first be trained in the proper use of the product.
- ☐ This product does not protect the wearer against gases, vapours, solvents from paint spray operations or atmospheres containing less than 19.5% oxygen.
- ☐ Use only in adequately ventilated areas containing sufficient oxygen to support life.
- ☐ 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.