



3M™ 9928 Premium Welding Fume Respirator

Main Features

The 3M 9928 Premium Welding Fume Respirator provides lightweight, effective, comfortable and hygienic respiratory protection against dusts, mists and metal fumes. Its convex shape enhances wearer comfort and allows a good fit over a wide range of face sizes; the 3M™ Cool Flow™ exhalation valve reduces moisture build-up, particularly in hot and humid work conditions.

The 4-point adjustable straps and adjustable nose clip to help provide a proper fit.

The 3M 9928 Respirator has been designed specifically for welding applications to provide protection against ozone and welding fume, plus relief from nuisance odours.

The 3M 9928 Respirator does not require costly and time-consuming maintenance.

Applications

- Iron Foundries
- Steel Foundries
- Ship Building/Ship Repairing
- Battery Manufacture
- Welding and Soldering
- Construction
- Metal Manufacture

Approvals

The 3M 9928 Respirator has been shown to meet the Basic Safety Requirements under Article 10 and 11B of the European Community Directive 89/686. An EC-type examination certificate is in force. The product is CE marked.

Materials

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

- Straps - Polyisoprene/Cotton fibre
- Nose-clip - Aluminium
- Filter - Polypropylene
- Nose foam - PVC
- Valve - Polypropylene/Polyisoprene
- Face seal Gasket - PVC

Weight: 13 g

Standards

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

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.

Correct use

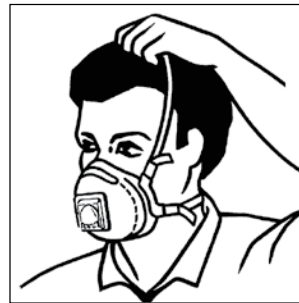
The respirator may be used in concentrations of solid, water based and non-volatile liquid based aerosols up to 10 times the Workplace Exposure Limit (WEL). Assigned Protection Factor= 10.

It can also be used to protect the wearer against ozone gas generated in welding applications in concentrations up to 10 times the WEL and provide relief from nuisance levels (concentration below the WEL) of organic vapours.

Fitting Instructions



- 1 Thread the top elastic strap through the top buckles. Repeat for the bottom strap and buckles. Place the bottom elastic strap around the head just below the ears. Untwist the strap.



- 2 Place the top elastic strap around the head, above the ears. Untwist the strap.



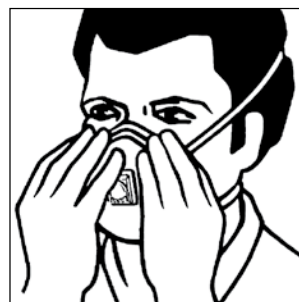
- 3 Adjust the tension by pulling tabs of each strap, as shown.



- 4 Using both hands, mould the metal nosepiece comfortably to the shape of the nose.



- 5 Strap tension may be decreased without removing the respirator from the head by pushing out on the back of the buckles.



- 6 The seal of the respirator on the face should be fit-checked prior to wearing in the work area.

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 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).

To check the fit of a valved respirator

- Cover the front of the respirator with both hands, being careful not to disturb the position of respirator.
- Inhale sharply. A negative pressure should be felt inside respirator. If any leakage is detected, adjust position of respirator and/or tension of straps. Retest the seal. Repeat the procedure until the respirator is sealed properly.

If you cannot achieve a proper fit do not enter contaminated area. See your supervisor.

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

3M

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