8833 Particulate Respirator



Data Sheet

Main Features

The 3M 8833 respirator has exceptional comfort because of an advanced soft facepiece sealing ring which provides a good fit over a wide range of face sizes. The 8833 features an exhalation valve that helps reduce moisture build-up in certain work conditions. The adjustable nose clip also helps ensure a comfortable and secure fit.

Applications

- Pharmaceuticals
- Ship building
- Chemical processing
- Iron & steel foundries
- Grinding
- Battery manufacture
- Ship repair
- Construction
- Welding and soldering

Approvals

- The 3M 8833 has been shown to meet the Basic Safety Requirements under Article 10 and 11B of he European Community Directive 89/686/EEC.

Is suitable for use under……(insert relevant national law)

The product is CE marked.

Materials

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

- Headband - Polyisoprene/Polyester
- Nose-clip - Aluminium
- Filter - Polypropylene
- Face seal - PVC
- Valve - Polypropylene/Polyester

Weight: 18.2g

Standards

The product has been tested to the European Norm EN149:2001 and has met the requirements of category FFP3 in this standard.

The main performance tests in this standard are:

- **Filter Penetration**
- **Total Inward Leakage (TIL)**
- **Flammability**
- **Breathing Resistance**
- **Performance**

The product has a Nominal Protection Factor of 50; i.e., it can be used in atmospheres containing up to 50 times the Threshold Limit Value (TLV) of particulate contaminants.

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:

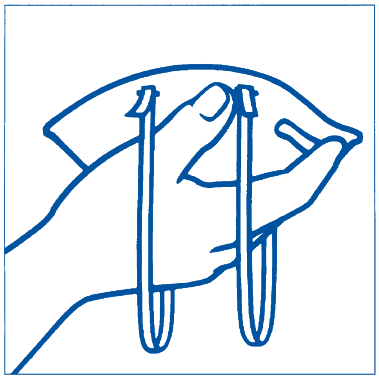
- Breathing becomes difficult
- Dizziness or other distress occurs

Discard and replace respirator if it becomes damaged or breathing resistance becomes excessive or at the end of the shift.

Never alter or modify this device.

The 8833 is intended to be a single shift device.

Fitting Instructions



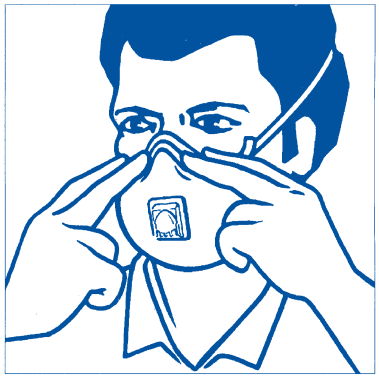
1. Cup the respirator in your hand with the nosepiece at your fingertips, allowing the headbands to hang freely below your hand.



2. Position the respirator under your chin with the nosepiece up.



3. Pull the top strap over your head resting it high at the top back of your head. Pull the bottom strap over your head and position it around the neck below the ears.



4. Place the fingertips of both hands at the top of the metal nosepiece. Mould the nosepiece to the shape of your nose by pushing inwards while moving your fingertips down both sides of the nosepiece. Pinching the nosepiece using only one hand may result in less effective respirator performance.



5. The seal of the respirator on the face should be fit-checked prior to wearing in the work area.
a) Cover the front of the respirator with both hands being careful not to disturb the position of the respirator.

b) Inhale sharply. If air flows around the nose, readjust the nosepiece as described in step 4. If air leaks at the respirator edge work the straps along the sides of the head. If you CAN NOT achieve a proper fit DO NOT enter the 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.

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 & Safety legislation, or for more detailed product information, please contact the 3M Health and Safety Helpline on: 0870 60 800 60 (UK).
For callers within the Republic of Ireland 1 800 3205500.

3M

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