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3M™ Disposable Respirator 8210, P2 & N95

Technical Data Sheet

Description

The 3M™ Disposable Respirator 8210 P2 & N95 provides lightweight, comfortable respiratory protection against dusts, mists, fumes and smokes.

An excellent choice for work settings involving heat, humidity and long periods of wear.



WX700900011



WX700900136

Features

- P2 rated filter to AS/NZ 1716:2012
- N95 rated filter to 42 CFR Part 84 (NIOSH)
- Lightweight construction promotes greater comfort and contributes to increased wear time.
- The cupped shape, twin strap design and adjustable aluminium nose clip provides a custom fit with fewer pressure points and a secure face seal over a range of face sizes.
- For use against both non-oily mechanically generated particulates e.g. dusts, mists and also thermally generated fumes & smokes.

Time Use Limitation

If the respirator becomes damaged, soiled, or breathing becomes difficult, leave the contaminated area and replace and refit the new respirator.

Specifications

- Weight: ~10g per respirator.
- Meets performance requirements of US 42 CFR Part 84.

Applications

- Laser Surgery/Electrocautery
- Dental care where aerosol & particle exposures are possible
- Foundries
- Bushfire fighting
- Furnaces
- Leadwork
- Light Welding

Materials

The following materials are used in this product:

- Nose- clip - Aluminium alloy 3003

Component	*Weight (%)*
A l	96.7 - 99
Cu	0.05 - 0 .2
Fe	Max 0 .7
Mn	1 - 1 . 5
Other, each	Max 0.0 5
Other, total	Max 0 .15
Si	Max 0 .6
Zn	Max 0 .1

- Straps - Kraton, ultrasonic welded
- Filter - Polypropylene

Latex & Fibreglass Free

3M Order Code	Product Code	Rating	Packaging
WX700900011	8210	P2	20 Respirator/box, 8 boxes/case
WX700900136	8210	N95	20 Respirator/box, 8 boxes/case

3M Personal Safety Division | 3M™ Disposable Respirator 8210, P2 & N95

Fitting Instructions

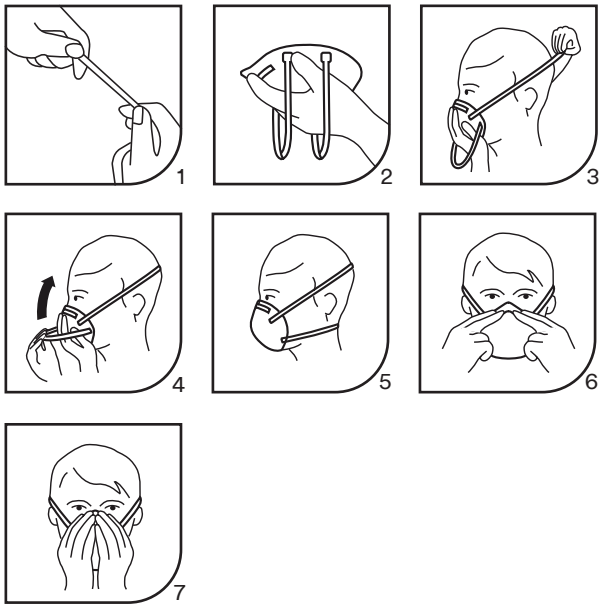
Must be followed each time the respirator is worn. Before fitting device, ensure hands are clean.

See Figure 1 below.

All respirator components should be inspected for damage prior to each use.

1. Prestretch top and bottom straps before placing respirator on the face (Fig. 1)
2. Hold respirator under chin, with nosepiece up.
3. Locate the upper strap across the crown of the head and the lower strap below the ears.
4. Straps must not be twisted.
5. Using both hands, mould noseclip to the shape of the nose to ensure a close fit and good seal. Pinching the noseclip using only one hand may result in less effective respirator performance.
6. The seal of the respirator on the face should be fit-checked before entering the workplace.

Figure 1



⚠ Warnings and Use Limitations

Always be sure that the complete product is:

- Suitable for the application;
- Fitted correctly;
- Worn during all periods of exposure;
- Replaced when necessary.

- It is recommended that fit testing be conducted before assigning a respirator to an individual. If you cannot achieve a proper fit then do not enter contaminated area. See your supervisor.
- Inspect respirator before each use to ensure it is in good working condition. Examine all the respirator parts for signs of damage including the two straps, noseclip, nose foam and staples. The respirator should be disposed of immediately upon observation of damaged or missing parts. The respirator should be disposed of immediately upon observation of damaged or missing parts.
- Leave the contaminated area immediately and contact supervisor if dizziness, irritation or other distress occurs.
- Dispose of used product in accordance with applicable regulations.
- All respirators should be used in accordance with local regulations.
- Do not alter, repair, wash, and abuse or misuse the respirator.
- Do not use with beards or other facial hair or conditions that prevent a good seal between the face and the sealing edge of the respirator.
- The respirator can help protect the wearer's lungs against certain airborne contaminants; however, it will not prevent entry through other routes such as the skin or eyes, which would require additional personal protective equipment (PPE).
- The respirator is designed for occupational/professional use by adults who are properly trained in it's use and limitations. The respirator is not designed to be used by children.
- Individuals with a compromised respiratory system, such as asthma or emphysema, should consult a physician and complete a medical evaluation prior to use.
- Maximum Operating Temperature: +50 degrees Celsius.
- The filtration efficiency of the respirator may decrease in the presence of oily mists.

Storage and Transportation

Shelf life of the unopened product is five (5) years from date of manufacture when stored within temperature range of -20°C to +25°C and at less than 80% relative humidity. End of shelf life date is marked on the product packaging. Before initial use, always check that the product is within the stated shelf life. When storing or transporting this product use original packaging provided.

Warning
Respirators must not be used until your employer has determined whether usage will be in accordance with manufacturers instructions. The wearer must be trained in the proper fitting and use of this product. Failure to follow all instructions and warnings on the use of this product and/or failure to wear this respirator during all times of exposure can reduce respirator effectiveness and result in illness or death. All respirators should be used in accordance with Australian standard AS/NZS 1715. It is recommended that fit testing be conducted before assigning a respirator to an individual. If you cannot achieve a proper fit, do not enter contaminated areas. Do not use with beards or other facial hair or conditions that prevent a good seal between the face and the sealing surface of the respirator.

Important Notice
To the extent permitted by law, 3M shall not be liable for any loss or damage including any loss of business, loss of profits, or for any indirect, special, incidental or consequential loss or damage arising from reliance upon any information herein provided by 3M. Nothing in this statement will be deemed to exclude or restrict 3M's liability for death or personal injury arising from its negligence.

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