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# Technical Specification Sheet

## 3M™ Particulate Respirator 8210, N95

### Key Features

- NIOSH approved N95 rating
- Adjustable nose clip
- Nose foam
- Ultrasonically welded headbands

### Material Composition

- Straps – Thermoplastic Elastomer
- Nose Clip – Aluminum
- Nose foam - Polyurethane
- Filter – Polypropylene
- Shell – Polyester
- Coverweb - Polyester
- This respirator contains no components made from natural rubber latex
- Approximate weight of product: 0.35 oz.

### Country of Origin

Made in the USA with globally sourced materials

### Use For

- Use for solid particulates and liquid mists in concentrations not exceeding 10X PEL/OEL
- Always follow *User Instructions* and use in manners as indicated



### Do Not Use For

- DO NOT use for gases and vapors, oil aerosols, asbestos, arsenic, cadmium, lead, 4,4-methylene dianiline (MDA), or abrasive blasting
- DO NOT use for particulate concentrations exceeding 10X PEL/OEL
- DO NOT use in any manner not indicated in the *User Instructions*

### Approvals and Standards

- NIOSH approved N95 particulate respirator
- Meets NIOSH 42 CFR 84 N95 requirements for a minimum 95% filtration efficiency against solid and liquid aerosols that do not contain oil.
- NIOSH approval number: TC-84A-0007
- Assigned Protection Factor (APF 10) per US OSHA and Canada CSA

## Ordering Information

| Description                       | UPC            | ID #           | Respirators/<br>Box | Boxes/Case | Each/Case |
|-----------------------------------|----------------|----------------|---------------------|------------|-----------|
| Particulate<br>Respirator<br>8210 | 50051138464573 | 70-0706-1439-4 | 20                  | 8          | 160       |

### Time Use Limitation

Replace the respirator when it becomes dirty, damaged, or difficult to breathe through.

### Shelf Life and Storage

- 5 years from the date of manufacture
- Use By date on box in MM/YYYY format
- Store respirators in the original packaging, away from contaminated areas, dust, sunlight, extreme temperatures, excessive moisture, and damaging chemicals
- Store in temperatures between -4°F (-20°C) and +86°F (+30°C) and not exceeding 80% RH

### WARNING!

This respirator helps reduce exposures to certain airborne contaminants. Before use, the wearer must read and understand the *User Instructions* provided as a part of the product packaging. Follow all local regulations. In the U.S., a written respiratory protection program must be implemented meeting all the requirements of OSHA 1910.134, including training, fit testing and medical evaluation. In Canada, CSA standard Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. **Misuse may result in sickness or death.** For correct use, consult supervisor and the *User Instructions* or call 3M PSD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.



#### Personal Safety Division

3M Center, Building 0235-2W-70  
St. Paul, MN 55144-1000  
3M.com/workersafety

3M PSD products are occupational use only.

### Acceptable Fit Test Protocols

| Fit Test Protocol*     |                 | Acceptable with this product?       |
|------------------------|-----------------|-------------------------------------|
| Qualitative Protocols  | Saccharin       | <input checked="" type="checkbox"/> |
|                        | Bitrex™         | <input checked="" type="checkbox"/> |
|                        | Irritant Smoke  | <input type="checkbox"/>            |
|                        | Isoamyl Acetate | <input type="checkbox"/>            |
| Quantitative Protocols |                 | <input checked="" type="checkbox"/> |

\*Refer to OSHA 1910.134

#### For More Information

Technical Assistance 1-800-243-4630  
Hours of Operation: M-Th 8am - 6pm, Fri 8am - 4:30 pm CST  
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# 3M™ Disposable Respirator, FFP2, Valved, K112



- Adjustable nose-clip: Easy to check that correct protection is being worn in the workplace, Colour coded yellow: FFP1 as per EN 149:2001+A1:2009, Metal detectable
- Colour coded nose-clip: Blue FFP2 as per EN 149:2001+A1:2009
- Metal detectable - embedded metal nose-clip to help ensure the safety of your production
- Flat-fold convenience: Makes the respirator easy to store away when not in use

## ITALIAN LANGUAGE:

- Nasello regolabile: facile da verificare che sul posto di lavoro sia indossata la protezione corretta, codice colore giallo: FFP1 secondo EN 149: 2001 + A1: 2009, rilevabile al metallo
- Clip nasale con codice colore: blu FFP2 secondo EN 149: 2001 + A1: 2009
- Rilevabile in metallo - nasello in metallo incorporato per garantire la sicurezza della tua produzione
- Conveniente piega piatta: rende il respiratore facile da riporre quando non viene utilizzato

## Specifications

|                                   |                               |
|-----------------------------------|-------------------------------|
| Cool Flow™ Exhalation Valve       | No                            |
| Exhalation Valve                  | Yes                           |
| Features                          | High Performance Filter Media |
| Natural Rubber Latex Components   | No                            |
| Nuisance Odor Relief (< OSHA PEL) | Up to 12 x TLV                |
| Particulate Respirator Range      | Classic                       |
| Respirator Style                  | Flat Fold                     |

# 3M™ Disposable Respirator, FFP2, Valved, K112

## Product Details

- Adjustable noseclip: Easy to check that correct protection is being worn in the workplace, Colour coded yellow: FFP1 as per EN 149:2001+A1:2009, Metal detectable
  - Colour coded noseclip: Blue FFP2 as per EN 149:2001+A1:2009
  - Metal detectable - embedded metal noseclip to help ensure the safety of your production
  - Flat-fold convenience: Makes the respirator easy to store away when not in use
  - Classic exhalation valve: Reduces heat build up in hot or humid environments, or when work is hard and physical. Improves breathing comfort over long periods
- The 3M™ Disposable Respirator K112 provides lightweight, comfortable and effective protection against dust and mist.

## Dettagli del prodotto

- Clip antiscivolo regolabile: facile da verificare che sul posto di lavoro sia indossata la protezione corretta, codice colore giallo: FFP1 secondo EN 149: 2001 + A1: 2009, rilevabile al metallo
- Clip antiscivolo con codice colore: Blu FFP2 secondo EN 149: 2001 + A1: 2009
- Rilevabile in metallo: antiscivolo in metallo incorporato per garantire la sicurezza della produzione
- Conveniente piega piatta: rende il respiratore facile da riporre quando non viene utilizzato
- Valvola espiratoria classica: riduce l'accumulo di calore in ambienti caldi o umidi o quando il lavoro è duro e fisico. Migliora il comfort respiratorio per lunghi periodi

Il respiratore monouso 3M™ K112 offre una protezione leggera, confortevole ed efficace contro polvere e nebbia.