

# Particulate Respirators 8210 and 8110S, N95

Issue Date 01/01/04

The 3M™ Particulate Respirator 8210, N95 is designed to help provide quality, reliable worker protection against certain non-oil based particles. The 3M™ Particulate Respirator 8110S, N95 offers the same protection for those workers with smaller faces. The 8210 and the 8110S offer a number of benefits to you and your workers.

### NIOSH approved N95

- At least 95% filtration efficiency against solid and liquid aerosols that do not contain oil.\* TC-84A-0007

### Advanced Electret Media

- Advanced electrostatically charged microfibers make breathing easier and cooler.

### Helps provide worker protection

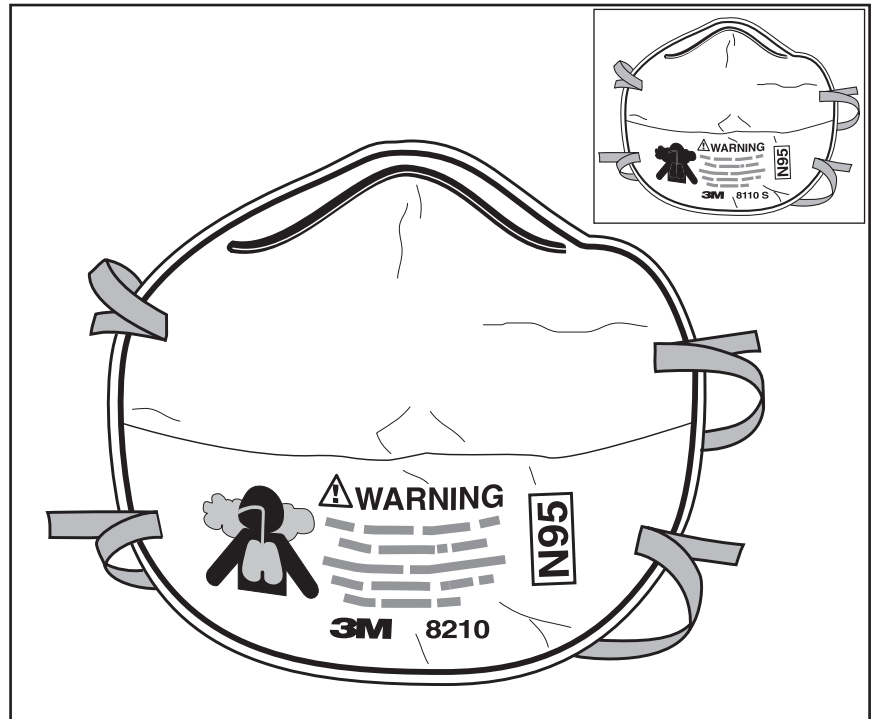
- Because they are comfortable to wear and easy to use, workers are quick to accept and use maintenance-free respirators, like the 8210 and 8110S. Studies have shown they can provide protection equivalent to a rubber facepiece respirator...at much lower cost and greater convenience.

### Lightweight construction

- Promotes greater worker comfort.
- Contributes to increased wear time.

### Adjustable noseclip

- Helps provide a custom fit and secure seal.
- Reduces the potential for eyewear fogging.




3M™ Particulate Respirator 8210, N95  
(Inset photo: 3M™ Particulate Respirator 8110S, N95)

### Suggested Applications



- Grinding
- Sanding
- Sweeping
- Bagging
- Other dusty operations
- Woodworking
- Foundries



**WARNING**

These respirators help reduce exposure to certain particles. **Misuse may result in sickness or death.** Before use, the wearer must read and understand **User Instructions** provided as a part of product packaging. Time use limitations may apply. For proper use, see package instructions, supervisor or call 3M OH&ESD Technical Service in U.S.A., 1-800-243-4630. In Canada, call 1-800-267-4414.

\*Tested against particles approximately 0.3 micron in size (mass median aerodynamic diameter) per 42 CFR 84.

Respirators Per Box 8210 & 8110S	Respirators Per Case
20	160

**Use For:**

- Solids such as those from processing minerals, coal, iron ore, flour, and certain other substances.
- Liquid or non-oil based particles from sprays that do not also emit harmful vapors.

**Do Not Use For:**

Gases and vapors, including those present in paint spray operations, asbestos, arsenic, cadmium, lead, 4,4'-methylenedianiline (MDA) or sandblasting. Aerosol concentrations that exceed 10 times the OSHA PEL, or applicable exposure limits, whichever is lower. This respirator does not supply oxygen.

**Important**

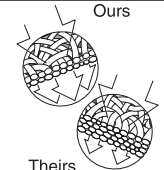
Before using these respirators, you must determine the following:

1. The type of contaminant(s) for which the respirator is being selected.
2. The concentration level of contaminant(s).
3. Whether the respirator can be properly fitted on the wearer's face. Do not use with beards, on other facial hair, or other conditions that prevent a good seal between the face and the faceseal of the respirator.
4. Before use of these respirators, a written respiratory protection program must be implemented, meeting all the requirements of OSHA 29 CFR 1910.134, including training, medical evaluation and fit testing.

**Time Use Limitation**

If respirator becomes damaged, soiled, or breathing becomes difficult, leave the contaminated area immediately and dispose of the respirator.

**Technologies**



**Advanced Electret Media**  
Advanced electrostatically charged microfibers make breathing easier and cooler.

**Additional Information**

This respirator contains no components made from natural rubber latex.

**For more information, please contact:**

**3M Occupational Health and Environmental Safety Division (OH&ESD)**

**In the U.S., contact:**

- Sales Assistance**  
1-800-896-4223
- Technical Assistance**  
1-800-243-4630
- Fax On Demand**  
1-800-646-1655
- Internet**  
<http://www.3M.com/occsafety>
- For other 3M products**  
1-800-3M HELPS

**In Canada, contact:**

- 3M Canada Company, OH&ESD  
P.O. Box 5757  
London, Ontario N6A 4T1
- Sales Assistance**  
1-800-265-1840, ext. 6137
- Technical Assistance (Canada only)**  
1-800-267-4414
- Fax On Demand**  
1-800-646-1655
- Internet**  
<http://www.3M.com/CA/occsafety>

- Technical Assistance In Mexico**  
01-800-712-0646  
5270-2255, 5270-2119 (Mexico City only)
- Technical Assistance In Brazil**  
0800-132333
- Fax On Demand O.U.S. Locations**  
1-651-732-6530

**3M Occupational Health and Environmental Safety Division**  
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St. Paul, MN 55144-1000