

# Particulate Respirators 8511 and 8211, N95

Issue Date 01/01/04

The 3M™ Particulate Respirators 8511 and 8211, N95 are uniquely designed to help provide comfortable, reliable worker protection. They are ideally suited for work settings that involve heat, humidity, or long periods of wear.

The 8511 and 8211 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-1299

### 3M™ Cool Flow™

#### Exhalation Valve

- Proprietary one-way valve offers easy exhalation and cool, dry comfort.

#### M-noseclip

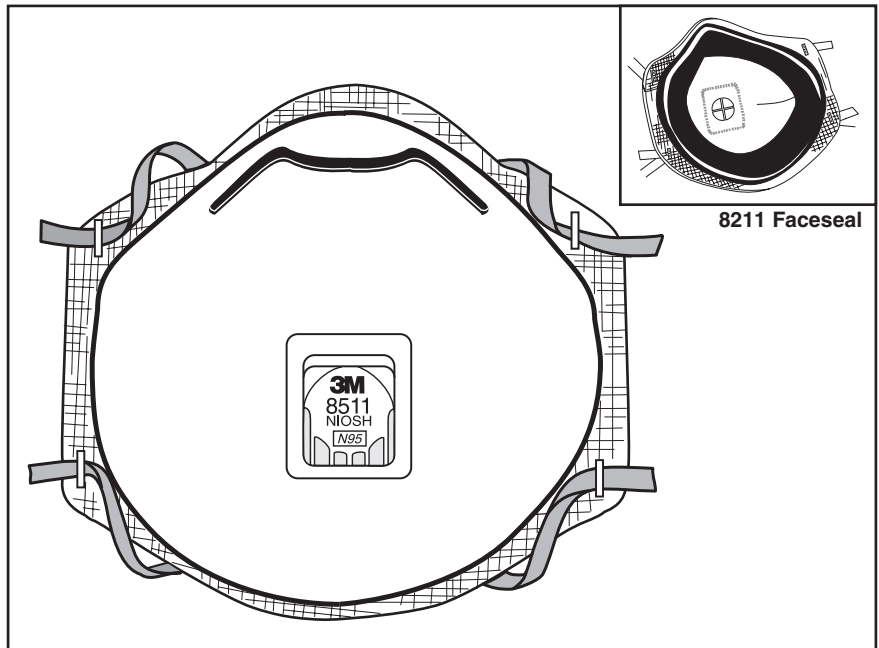
- Adjusts easily for fewer pressure points and greater comfort.
- Reduces the potential for eyewear fogging.
- Helps provide a custom fit and secure seal.

#### Braided headband

- Provides comfort and durability.

#### Lightweight construction

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



3M™ Particulate Respirator 8511, N95  
(Inset photo: 3M™ Particulate Respirator 8211, N95)

#### Faceseal (8211 only)

- Contours easily to help provide a good seal.
- Comfortable to wear.

#### All filter design

- Provides economical protection.
- No spare parts to clean and maintain.
- Promotes easier communication.

#### Suggested Applications



- Grinding
- Sanding
- Sweeping
- Bagging
- Other dusty/hot operations



**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	Respirators Per Case
10	80

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



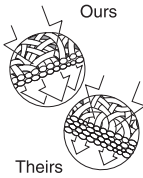
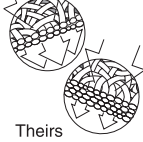

**Important**

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.

**3M Occupational Health and Environmental Safety Division**  
3M Center, Building 235-2W-70  
St. Paul, MN 55144-1000

**Technologies** (Check marks indicate technologies featured in these products.)

		 Ours 		
<b>3M™ Cool Flow™ Exhalation Valve</b> Proprietary one-way valve for easy exhalation and cool, dry comfort.	<b>M-noseclip</b> Adjusts easily for fewer pressure points and greater comfort.	<b>Advanced Electret Media</b> Advanced electrostatically charged microfibers make breathing easier and cooler.	<b>Faceseal</b> Soft and secure, conforms closely to face for long-lasting comfort and protection.	
			8511	8211
✓	✓	✓		✓

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.

**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