

# Particulate Welding Respirator 8515, N95

Issue Date 7/22/05

The 3M™ Particulate Welding Respirator 8515, N95 is designed to help provide comfortable, reliable worker protection for applications such as welding, soldering, cutting, grinding and sanding. This respirator offers 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

- A proprietary one-way valve that offers easy exhalation for cooler, 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.

### 3M™ Welding Web

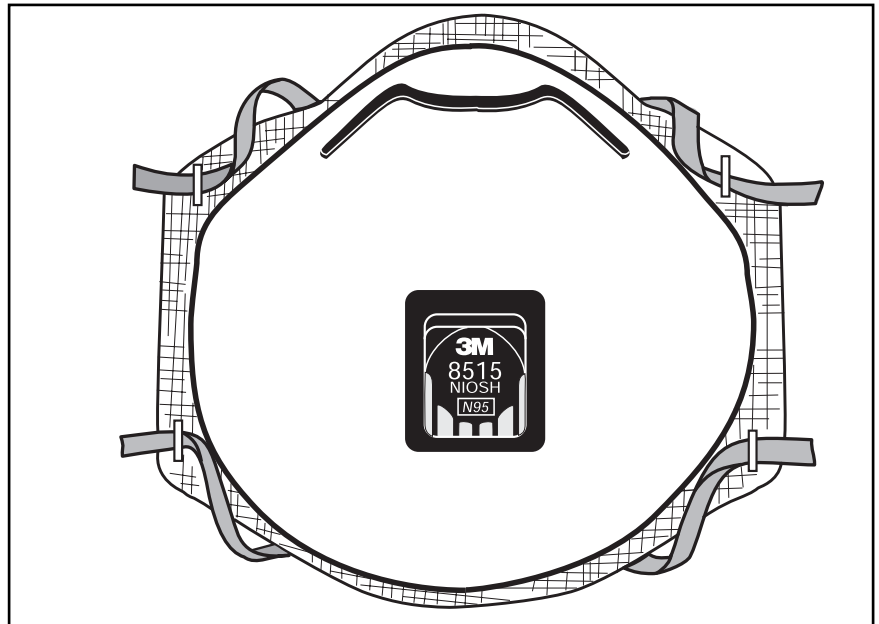
- The protective layers of this respirator are **flame resistant** as demonstrated per ASTM D2859-96. Not a substitute for a faceshield.

### Black valve

- Distinguishes the respirator to help make compliance monitoring easier.

### Lightweight construction

- Promotes greater worker comfort.



3M™ Particulate Welding Respirator 8515, N95

### All filter design

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

### Braided headband

- Provides comfort and durability.

### Suggested Applications



- Welding
- Brazing
- Soldering
- Cutting
- Metal pouring



- 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.

### 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.
- Metal fumes produced from welding, cutting and other operations involving heating of metals.

### Do Not Use For:


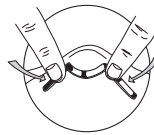
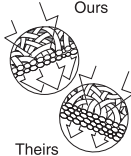

Gases and vapors, including those present in paint spraying operations, oil aerosols, asbestos, arsenic, cadmium, lead, 4,4'-methylenedianiline (MDA) or sandblasting. Aerosol concentrations that exceed 10 times the OSHA PEL, or applicable exposure limits, whichever is lower. This respirator does not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

### Technologies

			
<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>3M™ Welding Web</b> Unique protective layers are designed to be flame resistant as demonstrated per ASTM D2859-96. (Not a substitute for a faceshield.)

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 replace 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**  
1-800-328-1667

**Technical Assistance**  
1-800-243-4630

**Fax On Demand**  
1-800-646-1655

**Internet**  
[www.3M.com/occsafety](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**  
[www.3M.com/CA/occsafety](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**  
3M Center, Building 235-2W-70  
St. Paul, MN 55144-1000