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.¹ 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.

**Face seal (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

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¹ 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.

Do Not Use For:
Gases, vapors, including those present in paint spraying operations, oil aerosols, asbestos, lead, arsenic, cadmium, 4, 4'-methyleneedianiline (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.

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.

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