

Technical Specification Sheet

3M™ Particulate Respirator 8210Plus, N95

Key Features

- NIOSH approved N95 rating
- Adjustable nose clip
- Nose foam
- Braided headbands
- Staple free headband attachment

Material Composition

- Straps – Braided Polyisoprene
- Nose Clip – Aluminum
- Nose foam – Polyurethane Foam
- Filter – Polypropylene
- Shell – Polyester
- Coverweb - Polypropylene
- 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
- OSHA Assigned Protection Factor (APF) 10

Ordering Information

Description	UPC	ID #	Respirators/ Box	Boxes/Case	Each/Case
Particulate Respirator 8210Plus	50051131529248	70-0710-9189-9	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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DISTRIBUTED BY:
Pro Wood Finishes
14622 Southlawn Lane
Rockville MD 20850
Ph: (301) 424-3033

Particulate Respirator 8210Plus, N95

Issue Date 6/20/05

3M™ Particulate Respirator 8210Plus, N95 is ideal for use in work settings that involve sanding, grinding and other dusty operations.

3M's disposable respirators are designed to help provide quality, reliable worker protection that meets the varied needs of our customers who rely on consistent product performance and service. 3M's proprietary filter media and superior product construction help provide greater worker comfort which can help increase productivity.



3M™ Particulate Respirator 8210Plus, N95

NIOSH approved N95

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

Features

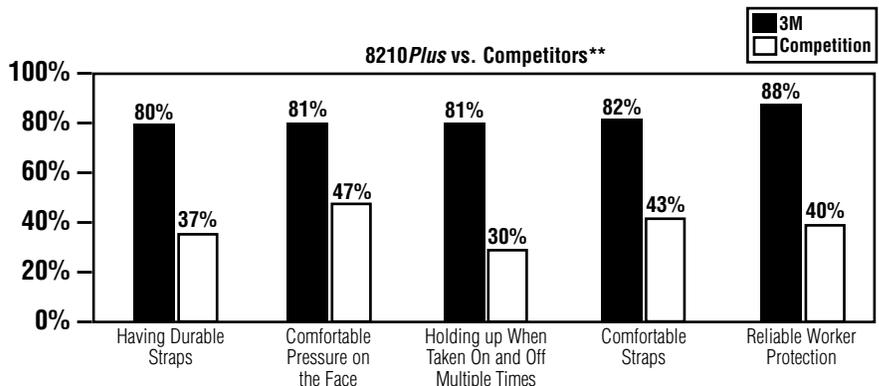
- Durable braided comfort strap is soft against skin and won't get tangled or pull on hair
- Staple-free headband attachment is comfortable in hot and cold environments
- Advanced electret charged microfibers make breathing easier and cooler, resulting in enhanced wearer comfort
- Adjustable nose clip helps create a custom fit and reduces the potential for eyewear fogging
- Soft nose foam is comfortable on the face
- Multi-layer, durable construction contributes to increased wear time

Suggested Applications

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



97% User Satisfaction!
97% would recommend it to others**



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

** Based on a research study done by Burke, Inc. August 2004 of safety officers and users from 30 companies that used both 3M and competitive products as part of a limited market release.

3M™ Particulate Respirator 8210Plus, N95

8210Plus Respirators Per Box	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 face seal 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.

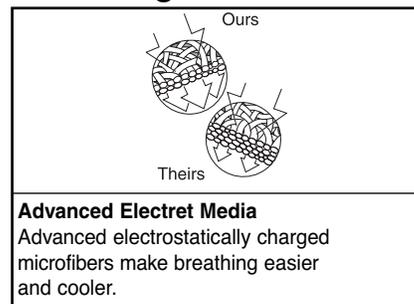
Time Use Limitation

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.

Technologies



All 3M Class N95 Particulate Respirators meet NIOSH 42 CFR 84 requirements. These respirators have a minimum filter efficiency of 95%. For more information on these and other respirator products, visit www.3M.com/occsafety.

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

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

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

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.

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