3M Science. Applied to Life.™

Technical Specification Sheet

3M™ Particulate Respirator 8210V, N95



Key Features
- NIOSH approved N95 rating
- Adjustable nose clip
- Nose foam
- Stapled headbands
- Cool Flow™ Exhalation Valve

Material Composition
- Straps – Polyisoprene
- Staples - Steel
- Nose Clip – Aluminum
- Nose foam - Polyurethane
- Filter – Polypropylene
- Shell – Polyester
- Coverweb - Polypropylene
- Valve - Polypropylene & Polyisoprene
- This respirator contains no components made from natural rubber latex
- Approximate weight of product: 0.55 oz.
- See the 3M Technical Bulletin - Cellulose Certification - Filtering Facepiece Respirators for information about which 3M respirators contain cellulose

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-5410

- Assigned Protection Factor (APF 10) per US OSHA and Canada CSA

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.



Acceptable Fit Test Protocols

Fit Test Protocol*		Acceptable with this product?
Qualitative Protocols	Saccharin	☒
	BitrexTM	☒
	Irritant Smoke	☐
	Isoamyl Acetate	☐
Quantitative Protocols		☒

*Refer to OSHA 1910.134

3M

Personal Safety Division
3M Center, Building 0235-2W-70
St. Paul, MN 55144-1000
3M.com/workersafety

3M PSD products are occupational use only.

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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