

Technical Specification Sheet

3M™ Particulate Respirator, 8247, R95, With Nuisance Level Organic Vapor Relief†

Key Features

- NIOSH approved R95 rating
- Adjustable nose clip
- Braided headbands
- Collapse resistant shell
- Carbon layer for relief against nuisance levels of organic vapors†

Material Composition

- Straps – Braided Polyisoprene and Polyester
- Staples – Steel
- Nose Clip – Aluminum
- Nose foam – Polyurethane Foam
- Filter – Polypropylene
- Carbon Layer – Activated Carbon
- Shell – Polyester
- Coverweb - Polypropylene
- This respirator contains no components made from natural rubber latex
- Approximate weight of product: 0.50 oz
- See the 3M Technical Bulletin - [Cellulose Certification - Filtering Facepiece Respirators](#) for information about which 3M respirators contain cellulose

Country of Origin

Made in USA.

Use For

- Use for solid particulates and liquid mists in concentrations not exceeding 10X PEL/OEL



- Use for oil based particles from sprays that do not also emit harmful vapors.
- Use for nuisance levels of organic vapors such as solvents, degreasers, and/or resins.
†Nuisance level refers to concentrations not exceeding OSHA PEL or applicable occupational exposure limit whichever is lower.
- Always follow *User Instructions* and use in manners as indicated

Do Not Use For

- DO NOT use for gases and vapors, 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 R95 particulate respirator
- Meets NIOSH 42 CFR 84 R95 requirements for a minimum 95% filtration efficiency against solid and liquid aerosols including those containing oil.
- NIOSH approval number: TC-84A-1350
- 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. If oil aerosols are present, replace after 8 hours of continuous or intermittent use.

Shelf Life and Storage

- 3 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

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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3M PSD products are occupational use only.

Acceptable Fit Test Protocols

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

*Refer to OSHA 1910.134