

3M™ Particulate Welding Respirator, 851 5, N95

Key Features



- NIOSH approved N95 rating
- Adjustable M-noseclip
- Braided headbands
- Flame resistant per modified ASTM D2859
- Cool Flow™ Exhalation Valve

Material Composition

- Straps – Braided Polyisoprene
- Staples – Steel (Cadmium Free)
- Nose Clip – Aluminum
- Filter – Polypropylene
- Shell – Polyester, Flame Retardant
- 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

Use For

- Use for solid particulates and liquid mists in concentrations not exceeding 10X PEL/OEL
- Use for certain metal fumes from welding, brazing, cutting, and heating of metals
- 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
- NOM certified N95
- 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-1299
- Assigned Protection Factor (APF 10) per US OSHA and Canada CSA

Table 1: Acceptable Fit Test Protocols

Fit Test Protocols		Acceptable with this product?
Qualitative Protocols	Bitrex™	Yes
	Saccharin	Yes
	Irritant Smoke	
	Isoamyl Acetate	
Quantitative Protocols	Condensation Nuclei Counter (CNC)	Yes
	Controlled Negative Pressure (CNP)	

Time Use Limitation

Replace the respirator when it becomes dirty, damaged, or difficult to breathe through.

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



Respirators help 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 29 CFR 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 Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.



Personal Safety Division

3M Center, Building 235-2W-70
St. Paul, MN 55144-1000

3M PSD products are
occupational use only.

3M Canada

P.O. Box 5757
London, Ontario
N6A 4T1

In United States of America

Technical Service 1-800-243-4630
Customer Service 1-800-328-1667
3M.com/workersafety

In Canada

Technical Service 1-800-267-4414
Customer Service 1-800-364-3577
3M.ca/Safety

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