

Technical Specification Sheet

3M[™] Particulate Respirator, 8514, N95, with Nuisance Level Organic Vapor Relief[†]

Key Features

- NIOSH approved N95 rating
- · Cake resistant filter media
- Adjustable buckle straps
- Flame resistant per modified ASTM D2859
- Cool Flow[™] Exhalation Valve
- Carbon layer for ozone/nuisance level organic vapors†

Material Composition

- Straps Braided Polyisoprene & Cotton/Polyester
- Buckles Polypropylene
- Nose Clip Aluminum
- Nose foam Polyvinyl Chloride Foam
- Filter Polypropylene
- Carbon Layer Activated Carbon
- Shell Polyester, Flame Retardant
- Valve Polypropylene & Polyisoprene
- This respirator contains no components made from natural rubber latex
- Approximate weight of product: 1.15 oz
- See the 3M Technical Bulletin <u>Cellulose</u>
 <u>Certification Filtering Facepiece Respirators</u>
 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 10XPEL/OEL
- Use for certain metal fumes from welding, brazing, cutting, and heating of metals.



- Use for nuisance level 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.
- 3M recommended for ozone protection up to 10X PEL/OEL, for up to 8 hours of use. Not NIOSH approved for use againstozone.
- 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 abrasiveblasting
- 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-0454
- Assigned Protection Factor (APF 10) per US OSHA and Canada CSA

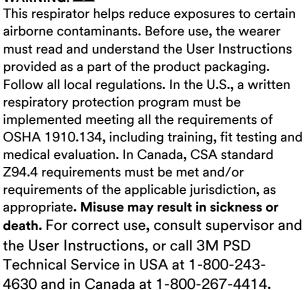
Time Use Limitation

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!





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	X
	BitrexTM	X
	Irritant Smoke	
	Isoamyl Acetate	
Quantitative Protocols		X

^{*}Refer to OSHA 1910.134