

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 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-0454
- Assigned Protection Factor (APF 10) per US OSHA and Canada CSA

Ordering Information						
Description	UPC	ID#	Respirators/ Box	Boxes/Case	Each/Case	
Particulate Respirator 8514	50051138662993	70-0708-4388-6	10	8	80	

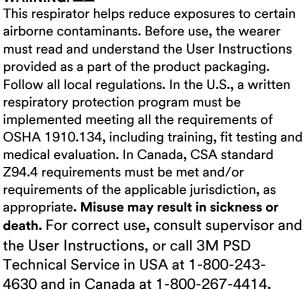
Time Use Limitation

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 P	rotocol*	Acceptable with this product?	
	Saccharin	X	
Qualitative	BitrexTM	X	
Protocols	Irritant Smoke		
	Isoamyl Acetate		
Quantitative	e Protocols	X	

^{*}Refer to OSHA 1910.134