

# Technical Specification Sheet

## 3M™ Particulate Respirator 8511, N95

### Key Features

- NIOSH approved N95 rating
- Adjustable M-noseclip
- Braided headbands
- Dual point stapled headband attachment
- Cool Flow™ Exhalation Valve

### Material Composition

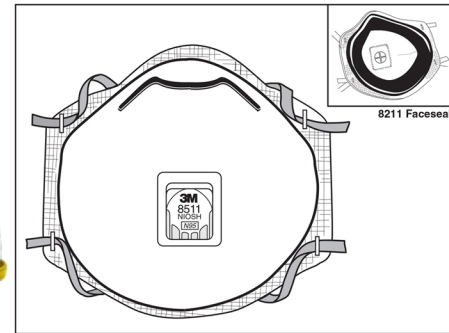
- Straps – Braided Polyisoprene
- Staples – Steel
- Nose Clip – Aluminum
- Filter – Polypropylene
- Shell – Polyester
- Valve – Polypropylene & Polyisoprene
- This respirator contains no components made from natural rubber latex
- Approximate weight of product: 0.55 oz.
- See the 3M Technical Bulletin

### 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



3M™ Particulate Respirator 8511, N95  
(Inset photo: 3M™ Particulate Respirator 8211, N95)

### 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-1299
- 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.


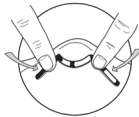
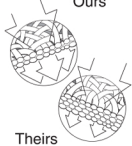



### Acceptable Fit Test Protocols

Fit Test Protocol*		Acceptable with this product?
Qualitative Protocols	Saccharin	<input checked="" type="checkbox"/>
	Bitrex™	<input checked="" type="checkbox"/>
	Irritant Smoke	<input type="checkbox"/>
	Isoamyl Acetate	<input type="checkbox"/>
Quantitative Protocols		<input checked="" type="checkbox"/>

\*Refer to OSHA 1910.134

### Technologies (Check marks indicate technologies featured in these products.)

				
<b>3M™ Cool Flow™ Exhalation Valve</b> Proprietary one-way valve for easy exhalation and cool, dry comfort.	<b>M-noseclip</b> Adjusts easily for fewer pressure points and greater comfort.	<b>Advanced Electret Media</b> Advanced electrostatically charged microfibers make breathing easier and cooler.	<b>Faceseal</b> Soft and secure, conforms closely to face for long-lasting comfort and protection.	
			8511	8211
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>

### Suggested Applications



- Grinding
- Sanding
- Sweeping
- Bagging
- Other dusty/hot operations