

3M 5101/5201/5301

*Respirator Dual Cartridge
Organic Vapor Assembly
User Instructions*

(Keep insert for reference)



⚠ WARNING

This respirator helps protect against certain airborne contaminants. **Misuse may result in sickness or death.** For proper use, see supervisor, or instructions, or call 3M in U.S.A., 1-800-243-4630. In Canada, call Marketing at 1-800-265-1840, ext. 6137 or Technical Service at 1-800-267-4414.

TABLE OF CONTENTS

Important.....	4
Use For.....	4
Do Not Use For.....	4
User Instructions	4
Use Limitations	4
Time Use Limitation.....	5
Use Limitations	Error! Bookmark not defined.
FITTING INSTRUCTIONS.....	6
Donning Respirator	6
INSTRUCTIONS FOR POSITIVE AND NEGATIVE PRESSURE USER SEAL CHECKS.....	7
Positive Pressure User Seal Check.....	7
Diagram 1.....	8
Negative Pressure User Seal Check.....	8
Diagram 2.....	8

SAVE THESE USER INSTRUCTIONS AND KEEP THEM WITH THE PRODUCT.

For ordering information and the location of the 3M authorized distributor in your area, call 1-800-328-1667. For assistance with the operation and application of products from 3M Occupational Health and Environmental Safety Division (OH&ESD), please call your 3M representative at 1-800-896-4223 or call 3M Technical Service at 1-800-243-4630. In Canada, call 1-519-452-6137 or 1-800-265-1840, ext. 6137. In Mexico 1-800-712-0646, and in Brazil 0800-550705

USE INSTRUCTIONS AND LIMITATIONS

3M™ 5000 Series Respirators are manufactured as integral assemblies and the chemical cartridges are not replaceable. Do not use if the cartridges have been removed.

Important

Before use, wearer must read and understand these *User Instructions*. Keep insert for reference.

CAUTION:

This product contains natural rubber latex which may cause allergic reactions in some individuals.

Use For

Respiratory protection from certain organic vapors according to NIOSH approvals, OSHA limitations, in Canada CSA standard Z94.4-93 requirements, other applicable regulations and 3M instructions.

Do Not Use For

Concentrations of contaminants which are immediately dangerous to life and health, are unknown or when concentration exceeds 10 times the permissible exposure limit (PEL) or according to specific OSHA standards or applicable government regulations, whichever is lower.

User Instructions

1. Failure to follow all instructions and limitations on the use of these respirators and/or failure to wear the respirator during all times of exposure can reduce respirator effectiveness and may result in sickness or death.
2. Before occupational use of these respirators, a written respiratory protection program must be implemented meeting all the requirements of OSHA 29 CFR 1910.134 such as training and fit testing and applicable OSHA substance specific standards. In Canada, CSA standard Z94.4-93 requirements must be met.
3. The airborne contaminants which can be dangerous to your health include those so small that you cannot see them.
4. Leave the contaminated area immediately and contact supervisor if you smell or taste contaminants or if dizziness, irritation, or other distress occurs.
5. Store the respirator away from contaminated areas when not in use.
6. Dispose of used product in accordance with applicable regulations.

Use Limitations

1. This respirator does not supply oxygen. Do not use in atmospheres containing less than 19.5% oxygen.
2. Do not alter, abuse or misuse this respirator.
3. Do not use with beards or other facial hair or other conditions that prevent a good seal between the face and the faceseal of the respirator.

Time Use Limitation

Replace respirator in accordance with an established change schedule or earlier if smell, taste or irritation from contaminants is detected.

Cleaning and Storage Instructions

1. Clean respirator after each use (excluding cartridges), with 3M™ 504 Respirator Wipes (or equivalent).
2. Air dry in a noncontaminated atmosphere.
3. Respirator components should be inspected prior to each use. A respirator with any damaged or deteriorated components should be discarded.
4. The cleaned respirator should be stored in the bag, away from contaminated areas when not in use.

FITTING INSTRUCTIONS

Must be followed each time respirator is worn.

Donning Respirator

1. Place the respirator over the mouth and nose, then pull the head harness over the crown of the head.



Diagram 1

2. Take the bottom straps in both hands, place them in back of the neck, and hook them together.

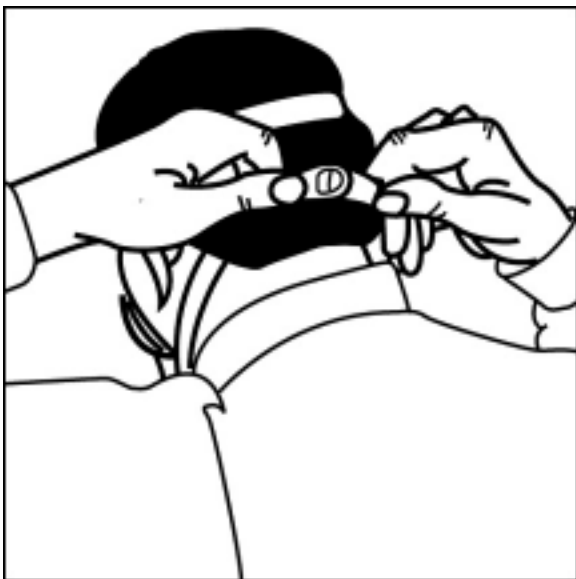


Diagram 2

3. Position the facepiece low on the bridge of your nose for optimal visibility and the best possible fit.



Diagram 3

4. Adjust top straps first, then the lower neck straps by pulling on the ends. **DO NOT** pull too tight! (Strap tension may be decreased by pushing out on back side of buckles.)
5. Perform a positive pressure and/or negative pressure user seal check. The positive pressure method is recommended. (See instructions below)

INSTRUCTIONS FOR POSITIVE AND NEGATIVE PRESSURE USER SEAL CHECKS

- If you cannot achieve a proper fit, do not enter the contaminated area. See your supervisor.
- Do not use with beards or other facial hair or other conditions that prevent direct contact between the face and the face seal of the respirator.

Positive Pressure User Seal Check

Place the palm of your hand over the exhalation valve cover and exhale gently. If the facepiece bulges slightly and no air leaks are detected between your face and the face seal, a proper fit has been obtained. If face seal air leakage is detected, reposition the respirator on your face and/or readjust the tension of the elastic straps to eliminate the leakage. Repeat the above steps until a tight face seal is obtained. If you cannot achieve a proper fit, do not enter the contaminated area. See your supervisor.



Diagram 1

Negative Pressure User Seal Check

Place the palms of the hands to cover the face of the cartridge or open area of 3MTM 501 Filter Retainer, when the retainer is attached to the cartridge, to restrict airflow. Inhale gently. If you feel the facepiece collapse slightly and pull closer to your face with no leaks between the face and the facepiece, a proper fit has been obtained. If facepiece air leakage is detected, reposition the respirator on the face and/or readjust the tension of the elastic straps to eliminate the air leakage. Repeat the above steps until a tight facepiece is obtained. If you cannot achieve a proper fit, do not enter the contaminated area. See your supervisor.



Diagram 2



3M
ST. PAUL, MN, USA
1-800-243-4630
5X01 RESPIRATORS



THESE RESPIRATORS ARE APPROVED ONLY IN THE FOLLOWING CONFIGURATIONS:

NIOSH APPROVAL TC	PROTECTION ¹	RESPIRATOR COMPONENTS																	CAUTIONS AND LIMITATIONS ²				
		ALTERNATE RESPIRATORS			ALTERNATE FILTERS															501 RETAINER	502 ADAPTER		
		5101	5201	5301	5001	2011	2016	2016A	2017	2018	5071	2071	2076	2076	2091	2092	2096	2097					
23C-859	OV	X	X	X																	X	ABCHLMNO	
84A-0335	OVMS6	X	X	X	X																X	ABCHLMNOP	
84A-0549	OVMS6	X	X	X		X																X	ABCHLMNOP
84A-0745	OVHPMS6	X	X	X			X															X	ABCHLMNOP
84A-0808	OVMS6	X	X	X			X	X	X													X	ABCHLMNOP
84A-1351	OVPS5	X	X	X						X											X	ABCHLMNOP	
84A-1541	OVPS5	X	X	X							X											X	ABCHLMNOP
84A-2306	OVHP-PS5	X	X	X								X										X	ABCHLMNOP
84A-2383	OVPS5	X	X	X									X									X	ABCHLMNOP
84A-0517	OVPI100	X	X	X										X								X	ABCHLMNOP
84A-0569	OVPI100	X	X	X											X							X	ABCHLMNOP
84A-1027	OVPI100	X	X	X												X	X					X	ABCHLMNOP

1. PROTECTION

N95 - Particulate Filter (95% filter efficiency level) effective against particulate aerosols free of oil. Time use restrictions may apply.	P95 - Particulate Filter (95% filter efficiency level) effective against all particulate aerosols.	P100 - Particulate Filter (99.97% filter efficiency level) effective against all particulate aerosols.
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OV - Organic vapor HF - Hydrogen fluoride

2. CAUTIONS AND LIMITATIONS

- A - Not for use in atmospheres containing less than 19.5 percent oxygen.
- B - Not for use in atmospheres immediately dangerous to life or health.
- C - Do not exceed maximum use concentrations established by regulatory standards.
- H - Do not wear for protection against organic vapors with poor warning properties or those which generate high heats of reaction with solvent.
- J - Failure to properly use and maintain this product could result in injury or death.
- L - Follow the manufacturer's User's Instructions for changing cartridges, canister and/or filters.
- M - All approved respirators shall be selected, fitted, used, and maintained in accordance with MSHA, OSHA, and other applicable regulations.
- N - Never substitute, modify, add, or omit parts. Use only exact replacement parts in the configuration as specified by the manufacturer.
- O - Refer to User's Instructions, and/or maintenance manuals for information on use and maintenance of these respirators.
- P - NIOSH does not evaluate respirators for use as surgical masks.

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FOR MORE INFORMATION

FOR MORE INFORMATION and assistance on 3M occupational health and environmental safety products, contact your local 3M representative or call 3M OH&ESD Technical Service toll free in U.S.A., 1-800-243-4630. In Canada, call Marketing at 1-800-265-1840, ext. 6137 or Technical Service at 1-800-267-4414.

POUR OBTENIR DE PLUS AMPLES RENSEIGNEMENTS et de l'aide sur les produits d'hygiène industrielle et de sécurité environnementale de 3M, communiquer avec le représentant de 3M ou communiquer, au Canada, avec le Service du marketing en composant le 1 800 265-1840, poste 6137 ou avec le Service Technique en composant le 1 800 267-4414.

PARA OBTENER MÁS INFORMACIÓN y ayuda con respecto a los productos de salud ocupacional y seguridad ambiental de 3M, comuníquese con el representante local de 3M o llame gratuitamente a los teléfonos de la Division Salud Ocupacional y Seguridad Ambiental (OH&ESD) de 3M Mexico.



PARA MAIORES INFORMAÇÕES e assistência em relação aos Produtos para Segurança e Proteção à Saúde de marca 3M, entre em contato com o seu representante local da 3M.
Téc. Resp. Miriam B. Tambascia CRQ IV 04313144



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