

3M Science.
Applied to Life.™

3M™ Mercury Vapor/Organic Vapor/Acid Gas Cartridge, 6007 and 3M™ Mercury Vapor/ Organic Vapor/Acid Gas/P100 Cartridge, 60927



Helps protect against certain dangerous gases & vapors

In environments where workers may be exposed to airborne concentrations of dangerous gases and vapors that can threaten worker health, the 3M 6007 and 60927 cartridges offer NIOSH-approved filtration against mercury vapor, chlorine, sulfur dioxide, organic vapors and hydrogen sulfide.

Suggested for use in the chemical, mining, oil and gas, and primary metals industries.

Reliable, reusable respiratory protection

- Replaces 3M™ Mercury Vapor/Chlorine/Sulfur Dioxide Cartridge 6009S and 3M™ Mercury Vapor/Chlorine/Sulfur Dioxide/P100 Cartridge, 60929S
- Up to 50 hours of protection against mercury vapor
- 3M recommended for certain phosphine applications (see 3M Technical Data Bulletin: Respiratory Protection Against Phosphine)
- Swept-back design provides a wide field of view and comfort
- Use with 3M™ Half and Full Facepieces 6000, 7000 and FF-400 Series with bayonet connections.



Free software:

3M Select & Service Life Software

3M Select & Service Life Software (www.3M.com/SLS) provides free respirator selection guidance for more than 700 different chemicals based on local regulations. Estimate cartridge life for many different gases and vapors.

3M™ Mercury Vapor/Organic Vapor/Acid Gas Cartridge, 6007 & Mercury Vapor/Organic Vapor/Acid Gas/P100 Cartridge, 60927

Helps protect against dangerous gases & vapors

(Replaces 3M Mercury Vapor/Chlorine/Sulfur Dioxide Gas Vapor Cartridge 6009S and 60929S)



Choose the right protection for your environment.

The 3M Cartridge 6007 and 60927 replace the 3M 6009S and 60929S cartridges. Use with your existing 3M Half and Full Facepieces with bayonet filter holders and experience the same protection against mercury vapor, chlorine and sulfur dioxide. The new cartridges have been infused with carbon to also add protection from organic vapors and hydrogen sulfide.

The ESLI sensor has been removed in the new 6007 and 60927 cartridges. In preparation for the transition and the removal of the sensor, service life can be calculated as with other gas and vapor cartridges:

- The 6007 cartridge may be used up to 50 hours against mercury vapor.
- Certain organic vapors such as benzene will come through the cartridge much quicker than mercury vapor.
- The 3M Service Life Software (www.3M.com/sls) may be used to estimate service life of the 6007 and 60927 against organic vapors, hydrogen sulfide and sulfur dioxide, which may also be present in some oil & gas operations.

3M: Protecting People. Improving Lives. Enhancing Productivity.

You can trust 3M Reusable Respirators to help provide reliable protection against gases/vapors and particulates, during oil and gas operations, chemical transfer or line opening, in mining and – in a variety of dangerous situations and environments. Use the new 3M Mercury Vapor/Organic Vapor/Acid Gas Cartridge 6007 and 60927 to help keep you and your employees safe.

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Important Notice


All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.



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	▲WARNING Respirators help protect against 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 standards 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 User Instructions, or call 3M Personal Safety Division (PSD) Technical Service in the U.S.A. at 1-800-243-4630. In Canada, call 1-800-267-4414.
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