

3M™ Organic Vapor/Acid Gas Cartridge 6003/07047(AAD)

**Help protect
your workforce.**



NIOSH-approved for respiratory protection against certain gases or vapors

Versatile, ergonomic, and simple to install

Designed to enhance field of view and comfort on the job, these gas/vapor cartridges feature a low-profile, swept-back design. The 3M™ Gas/Vapor Cartridges are easy to install. Plus, these cartridges are compatible with 3M™ 6000 Series Half Facepieces, 6500/6500QL Series, 7500 Series, 6000 Series Full Facepieces, FF-400 Series, 7800 Series, 3M™ Scott™ AV- 3000 HT and AV-3000 SureSeal Facepieces with AV-632 Bayonet Adapter, thus helping to reduce inventory needs.

Easy breathing

3M™ Gas/Vapor Cartridges are designed to balance breathability and long service life. Gas and vapor cartridges use carbon particles to adsorb contaminants, filtering the air that you breathe. 3M™ has designed our cartridges to be easy to breathe through and long lasting by optimizing the layers and depth of the carbon bed, geometry of the cartridge body, and carbon particle size.

Help protect your workforce

After you've determined the contaminants and exposure levels in your work environment, help protect your employees with a properly fitted 3M™ Reusable Respirator and corresponding cartridges. 3M™ Gas/Vapor Cartridges are NIOSH-approved and help provide respiratory protection from certain gas or vapor concentrations up to 10 times the OSHA Permissible Exposure Limit (PEL) with half facepieces and 50 times the OSHA PEL with quantitatively fit tested full facepieces. Not for use in environments that are immediately dangerous to life or health (IDLH) or contain hazardous levels of airborne particulates.

Recommended industries



Food
Processing



Design &
Construction



Facility
Sanitation



General
Manufacturing



Heavy
Industrial



Industrial
Maintenance



Marine



Mining, Oil &
Gas



Metal
Production &
Fabrication



Transportation



Details

3M™ Gas, Vapour and Particulate Filters have a bayonet-style connection that fits any full-face 3M™ Reusable Masks, and they're designed to optimise your field of vision. Our filters offer lightweight and well-balanced breathing protection for hazardous environments.

This formaldehyde organic vapor cartridge/P100 filter can be used for a variety of applications, including laboratories, wood processing, carpet manufacturing, and primary metals manufacturing. Swept-back design offers enhanced comfort and visibility.

- When properly fitted, helps provide respiratory protection from formaldehyde, certain organic vapors as well as non-oil and oil particulates at concentrations up to 10 times the Permissible Exposure Limit (PEL) with half facepieces or 50 times PEL with full facepieces
- Full facepieces must be quantitatively fit tested to claim assigned protection factor above 10 in negative pressure mode
- OSHA requires that gas-proof goggles be worn with half facepiece respirators when used against formaldehyde
- Not for use in environments that are immediately dangerous to life or health (IDLH)

Accessories	Yes
Brands	3M™
Cartridge or Filter Type	Gas & Vapor
Case Quantity	60/case
Clip-on Welding Shield	Yes
Compatible Respirator	3M™ Full Facepieces 6000, 3M™ Full Facepieces 7800 Series, 3M™ Full Facepieces FF-400, 3M™ Half Facepiece Reusable Respirators 6000 Series, 3M™ Half Facepiece Reusable Respirators 6500 Series, 3M™ Half Facepiece Reusable Respirators 7500 Series, 3M™ Scott™ AV-3000 HT Facepieces, 3M™ Scott™ AV-3000 SureSeal Facepieces
Compatible with 3M™ PAPR Systems	Yes
Compatible with 3M™ Supplied Air System	Yes
Compatible with Welding Shield	Yes
Connection Type	Bayonet
Cool Flow™ Exhalation Valve	Yes
Drop-down Feature	Yes
Enhanced Comfort	Yes
Enhanced Durability	Yes
Eye Protection	Yes
Features	Low Profile
For Use With	Reusable Respirators
Gas & Vapor Protection Type	Organic Vapor/Acid gas
Hazard Type	Dust, mist, fumes, gases or vapours and combination hazards, Organic

	Vapor
Maintenance Free	No
NIOSH Cartridge or Filter Assigned Color Coding	Yellow
Nuisance Odor Relief (< OSHA PEL)	N/A
Particulate Protection	Organic Vapor
Product Code	6003
Product Color	Yellow
Product Series	6000, 7000, 7500, 7800S, FF-400, Rugged Comfort 6500
Product Type	Cartridge
Protection Focus	Chlorine, Chlorine Dioxide, Hydrogen Chloride, Hydrogen Fluoride, Hydrogen Sulfide, Organic Vapor, Sulfur Dioxide
Protection Type	Organic Vapor
Purpose	Cartridges & Filters
Recommended Application	Assembly & Mechanical, Batch-charging, Change-over, Chemical Clean-up, Chemical Dispensing, Chemical Manufacturing, Clean-up, Cleaning, Composite Finishing, Fertilizing, Final Finish, Finishing Operations, Handling, Laboratories, Maintenance, Manufacturing, Paint Preparation, Painting, Parts Cleaning, Pesticide Application, Pharmaceuticals, Pouring Molten Metal, Powder, Seal Coatings, Welding
Recommended Industry	Facility Sanitation, Food Processing, Food Safety, General Manufacturing, Marine, Mining, Oil & Gas, Transportation
Silicone Faceseal	Yes
Six-point Head Harness	Yes
Spare Parts	Yes
Speaking Diaphragm	Yes
Specifications Met	Chlorine, Chlorine Dioxide, Hydrogen Chloride, Hydrogen Fluoride, Hydrogen Sulfide, Organic Vapor, Sulfur Dioxide
eClass 14 Classification Group	40220213
Dimensions and Classifications	
Overall Height (Imperial)	3.4 in
Overall Length (Imperial)	4.2 in