

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

3M Product Number 6003, 3M ID 70070316750, UPC 50051131070474

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- NIOSH approved for protection against certain organic vapors or acid gases
 - Swept-back design allows an enhanced field of view and comfort
 - Bayonet compatibility allows use with many 3M™ half and full facepieces and certain 3M™ Scott™ full facepieces
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For industrial/occupational use only. Not for consumer sale or use.

MSRP

\$14.54 per Pair (2 EA)

\$436.27 per Case (30 PAIR)

i Other quantities may be available

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Purchase price & fulfillment by authorized distributors. [Return Policy](#) and [Terms and Conditions](#) apply.

Alert: Coronavirus Pandemic

3M is focused on working with the government and authorized distributors to supply PPE to healthcare providers, first responders, and other essential workers, including providing support to industrial customers as the economy continues to open.

[GET INFORMATION AND RESPIRATORY GUIDANCE](#)



3M™ Select, Service Life, & ESLI Software

Our free 3M™ Select and Service Life Software can help make selecting the appropriate respirators faster and easier. Just enter contaminants and their concentrations and the software analyzes the data and provides a record of your choices. The software can also help you estimate the service life of 3M™ Respirator Cartridges, which aid in maintaining your OSHA-required cartridge change schedule for gas and vapor cartridges.

[Access 3M™ Select, Service Life, & ESLI Software](#)

Specifications

Accessories	Yes
Brand	3M™
Cartridge or Filter Type	Gas and Vapor
Case Quantity	60/case

Clip-on Welding Shield	Yes
Color Family	Yellow
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
Market	Maritime, Defense, Homeland Security
National Stock Number	4240013422859
Nuisance Odor Relief (< OSHA PEL)	N/A
Overall Height (Imperial)	3.4 in
Overall Length (Imperial)	4.2 in
Particulate Protection	Organic Vapor
Product Color	Yellow
Product Type	

Cartridge

Protection Focus

Chlorine, Chlorine Dioxide, Hydrogen Chloride, Hydrogen Fluoride, Hydrogen Sulfide, Organic Vapors, Sulfur Dioxide

Protection Type

Organic Vapor

Purpose

Cartridges & Filters

Recommended Application

Assembly and Mechanical, Batch-Charging, Change-Overs, 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

Segment

Personal Safety

Silicone Faceseal

Yes

Six-point Head Harness

Yes

Spare Parts

Yes

Speaking Diaphragm

Yes

Chlorine, Chlorine Dioxide, Hydrogen Chloride, Hydrogen

Specifications Met

Fluoride, Hydrogen Sulfide, Organic Vapors, Sulfur Dioxide

Details

- NIOSH approved for protection against certain organic vapors or acid gases
- Swept-back design allows an enhanced field of view and comfort
- Bayonet compatibility allows use with many 3M™ half and full facepieces and certain 3M™ Scott™ full facepieces
- Wide range of applications reduces inventory needs
- Simple installation and usage requirements reduce training needs

The 3M™ Organic Vapor/Acid Gas Cartridge 6003 helps provide respiratory protection against certain organic vapors or acid gases. Use with 3M™ Half and Full Facepieces 6000, 7000 and FF-400 Series with a bayonet-style filter/cartridge connection or 3M™ Scott™ AV-3000 HT and AV-3000 SureSeal facepieces with 3M™ Scott™ AV-632 Bayonet Adapter.

The 3M™ Organic Vapor/Acid Gas Cartridge 6003 helps provide organic vapor and acid gas protection in a variety of environments. When properly used with an approved 3M respirator properly fitted, this respirator cartridge helps provide respiratory protection from certain organic vapors, chlorine, hydrogen chloride, sulfur dioxide, chlorine dioxide, hydrogen sulfide, or hydrogen fluoride. The cartridge may be used for vapor concentrations up to 10 times the Permissible Exposure Limit (PEL) with half facepieces or 50 times PEL with quantitatively fit tested full facepieces. Recommended applications for the cartridge include assembly and mechanical, batch-charging, change-overs, chemical dispensing, clean-up, cleaning, handling, painting, parts cleaning, pesticide application, powder, and seal coating. Inventory needs and training requirements for safety equipment are reduced because this respirator cartridge selection works for many different applications. This cartridge is commonly used in the following industries: agriculture, aluminum reduction, chemical manufacturing, laboratories, petrochemical, pharmaceuticals, pulp and paper, and utilities. This organic vapor and acid gas cartridge works with 3M™ Half and Full Facepieces 6000, 7000 and FF-400 Series with bayonet holders or 3M™ Scott™ AV-3000 HT and AV-3000 SureSeal facepieces with 3M™ Scott™ AV-632 Bayonet Adapter. The cartridge is NIOSH (National Institute for Occupational Safety and Health) approved for environments containing certain organic vapors and acid gases. This cartridge is not for use in environments that are immediately dangerous to life or health (IDLH). The cartridge has been assigned the color code “Yellow” in the NIOSH system. Breathing organic vapors or acid gases can pose a risk to your health. NIOSH, a Federal government regulatory agency, has tested and approved the 3M™ Organic Vapor/Acid Gas Cartridge 6003 to help reduce exposure to certain organic vapors and acid gases.