



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





# **3M** Cartridge 6000 Series

*User Instructions for 3M™ Cartridge 6001(07046), 6002, 6003(07047), 6004, 6005, 6006, and 6009*

Important: Keep these *User Instructions* for reference.

For use only with 3M™ 6000 Series, 7000 Series and FF-400 Series half and full facepiece respirators according to the NIOSH approval label.

07046 and 07047 are catalog numbers only. NIOSH approved as 3M™ 6001 Organic Vapor Cartridge and 6003 Organic Vapor/Acid Gas Cartridge.



## **WARNING**

These cartridges help protect against certain airborne contaminants. **Misuse may result in sickness or death.** For proper use, see supervisor, or *User Instructions*, or call 3M in U.S.A., 1-800-243-4630. In Canada, call Technical Service at 1-800-267-4414.



Use cartridge before expiration date.

### **IMPORTANT**

Before use, the wearer must read and understand these *User Instructions*, and the *User Instructions* for the 6000 Series, 7000 Series or FF-400 Series half or full facepiece respirator to be used with these cartridges. Keep these *User Instructions* for reference.

### **Use For**

Respiratory protection from certain airborne contaminants according to NIOSH approvals, OSHA limitations, in Canada CSA standard Z94.4 requirements, other applicable regulations and 3M instructions. For additional information on 3M use recommendations please consult the 3M Respirator Selection Guide found on the 3M OH&ESD website at [www.3M.com/OccSafety](http://www.3M.com/OccSafety) or call 1-800-243-4630 in U.S.A. In Canada call 1-800-267-4414.

### **Do Not Use For**

- Particulates, unless combined with approved particulate filters.
- Sandblasting

### **Use Instructions**

1. Failure to follow all instructions and limitations on the use of this cartridge 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 cartridges, a written respiratory protection program must be implemented meeting all the requirements of OSHA 29 CFR 1910.134 such as medical evaluation, training and fit testing and applicable OSHA substance specific standards. In Canada, CSA standard Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate.
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 your supervisor if you smell or taste contaminants or if dizziness, irritation, or other distress occurs.
5. Store the cartridges and respirator away from contaminated areas when not in use.
6. Dispose of used product in accordance with applicable regulations.

### **Use Limitations**

1. These cartridges do not supply oxygen. Do not use in atmospheres containing less than 19.5% oxygen.
2. Do not use when concentrations of contaminants
  - are immediately dangerous to life or health,
  - are unknown,
  - are greater than 10 times the permissible exposure limit (PEL) with half facepiece respirators and full facepiece respirators when qualitatively fit tested.
  - are greater than 50 times the PEL with full facepiece respirators when quantitatively fit tested, or
  - exceed specific OSHA standards or applicable government regulations, whichever is lower.
3. Do not alter, clean (e.g. vacuum, wash, use compressed air), abuse or misuse these cartridges and/or respirator.
4. Do not use with beards or other facial hair or other conditions that prevent a good seal between the face and the sealing surface of the respirator.

### **Time Use Limitations**

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

### **Special Instructions for 3M™ Mercury Vapor or Chlorine Gas Cartridge 6009**

3M™ Mercury Vapor Cartridges (6009 and 60929) are equipped with passive 3M™ End of Service Life Indicators (ESLI). The color change indicator must be readily visible when wearing the respirator without manipulation. If you cannot readily see the ESLI, do not use. The mercury vapor cartridges must be discarded when the ESLI changes to the discard color found on the mercury vapor cartridge label; or within 30 days of opening packaging; or when ESLI becomes dirty or damaged; or when odors of vapors or gases become noticeable, whichever occurs first. Mercury vapor has no odor.

**NIOSH approval: See NIOSH approval label insert.**

#### **FOR MORE INFORMATION**

##### **In United States, contact:**

Website: [www.3M.com/OccSafety](http://www.3M.com/OccSafety)

Technical Assistance: 1-800-243-4630

##### **For other 3M products:**

1-800-3M-HELPS or 1-651-737-6501

#### **3M Occupational Health and Environmental Safety Division**

3M Center, Building 0235-02-W-70

St. Paul, MN 55144-1000

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98-0060-0065-1/4