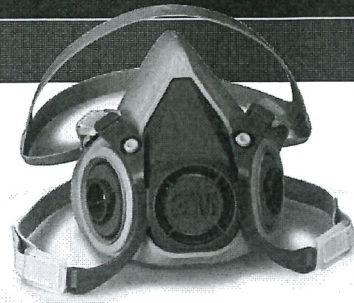


## When do I replace my 3M™ Particulate Filters?



3M™ Half Facepiece Reusable  
Respirator 6000 Series  
6100, 6200, 6300

Replace 3M™ Particulate Filters when:

- It becomes difficult to breathe comfortably (this will vary from individual to individual).
- The filter becomes dirty or physical damage occurs.
- For P series filters only when used in environments containing oil aerosols:
  - Dispose of P-Series filters after 40 hours of use or 30 days, whichever is first.

For guidance on filter replacement frequency, visit [3M.com/filterchange](http://3M.com/filterchange).








## How do 3M™ Gas & Vapor Cartridges work?

### 3M™ Gas & Vapor Cartridges

These cartridges utilize sorbent material to filter the gas or vapor molecules. Typically the sorbent is activated carbon. Different chemical treatments may also be added to the surface of the activated carbon to adsorb different types of gases or vapors. When the cartridges reach their capacity, the gases or vapors start to come through the cartridge to the user. This is called “breakthrough.”

NIOSH uses a classification system to identify the different types of contaminants these treated carbon grains will capture.

### Color Coding for 3M™ Chemical Cartridges

|      |                            |             |   |
|------|----------------------------|-------------|---|
| 6001 | Organic Vapor              | Black       |  |
| 6002 | Acid Gases                 | White       |  |
| 6003 | Organic Vapor/Acid Gases   | Yellow      |  |
| 6004 | Ammonia/Methylamine        | Green       |  |
| 6005 | Formaldehyde/Organic Vapor | Olive/Black |  |
| 6006 | Multi-Gas/Vapor            | Olive       |  |
| 6009 | Mercury Vapor/Chlorine Gas | Orange      |  |