



## Respiratory Protection



Hydraulics
Hydraulic QRC
Pneumatic QRC
Ind. Air Prep., Monitor & Test
KELM™ Pneumatics
Pneumatic & Vacuum Equipment
Valves
Ring Main Systems
Adaptors & Fittings
Stainless Steel
Malleable Iron
Hose, Tubing & Couplings
Clamps & Clips
Sprays & Adhesives
Blow Guns & Vacuum
Wash Down & Fuelling
Air Tools
Tools, Hardware & PPE

### Half Mask Filter Respirators

#### Gases and Vapour Hazards

In order to select the right method of controlling exposure and select the appropriate equipment, it is imperative that we know what the hazard is, the right boiling point and whether it has good warning properties.

#### Gases and Vapours

Gases are substances which are air like. They are neither solid or liquid at room temperature. Common gases include oxygen, carbon dioxide and nitrogen. Vapours are gaseous forms of substances which are solids or liquids at room temperature. They are created by the evaporation of solids and liquids.



To Create a 3M Particulate Respirator you need:

- 3M 6000 or 7500 Mask
  - 2000 Filters
- OR
- 3M 6000 or 7500 Mask
  - 603 Platform
  - 5000 Series Filter



- 501 Retainer

To Create a 3M Combination (i.e. Gas/Vapour and Particulate) Respirator you need:

- 6000 or 7500 Mask
- 6000 Series Filter



- 5000 Series Filter
- 501 Retainer

To Create a 3M Gas Respirator you need:

- 6000 or 7500 Mask
- 6000 Series Filter



The 3M 6000, lightweight, easy to use half mask which requires little maintenance.

- Easily fitted filters using a simple bayonet attachment system.
- Gas & vapour filters & dust filters can be used on their own or combined for mixed hazard environments.

Approved to EN 140.

Nominal Protection Factor with P3 Dust Filter 50.

Assigned Protection Factor with P3 Dust Filter 20.

Assigned Protection Factor with P2 Dust Filter 10.

Assigned Protection Factor with Gas or Combination Filters 10 or 1000ppm whichever is the lower for Class 1 or 5000ppm for Class 2.

#### 3M 6000 Series Half Mask Respirator

0299	Size	£
111500	Small	38.50
111600	Medium	40.20
111700	Large	40.20

A 3M 5000 series particulate filter can be used either with a 3M 6000 series gas filter to provide combined protection or on its own for particulate protection only.

If used alone, the 3M 603 Platform is required to attach the filter to the mask.

Note: A 3M 501 Filter Retainer will also be needed.



#### 3M 603 Platform

0299	2	£
122700		8.25

- Patented 3M cool valve - easy breathing while reducing heat & moisture build up.
- Utilises all existing 3M 2000, 5000 & 6000 series filters & cartridges.
- Soft silicone material ensures wearer comfort.
- Extremely pliable face seal to improve fit.

Approved to EN 140.

Nominal Protection Factor with P3 Dust Filter 50.

Assigned Protection Factor with P3 Dust Filter 20.

Assigned Protection Factor with P2 Dust Filter 10.

Assigned Protection Factor with Gas or Combination Filters 10 or 1000 ppm whichever is the lower for Class 1 or 10 x WEL (Workplace Exposure Limits) or 5000 ppm whichever is the lower for Class 2.

#### 3M 7500 Series Silicone Half Mask Respirator

0299	Size	£
126002	Small	88.25
126003	Medium	88.25
126004	Large	88.25