



# 3M™ Filter Selection

## Which Filter Should I Use?

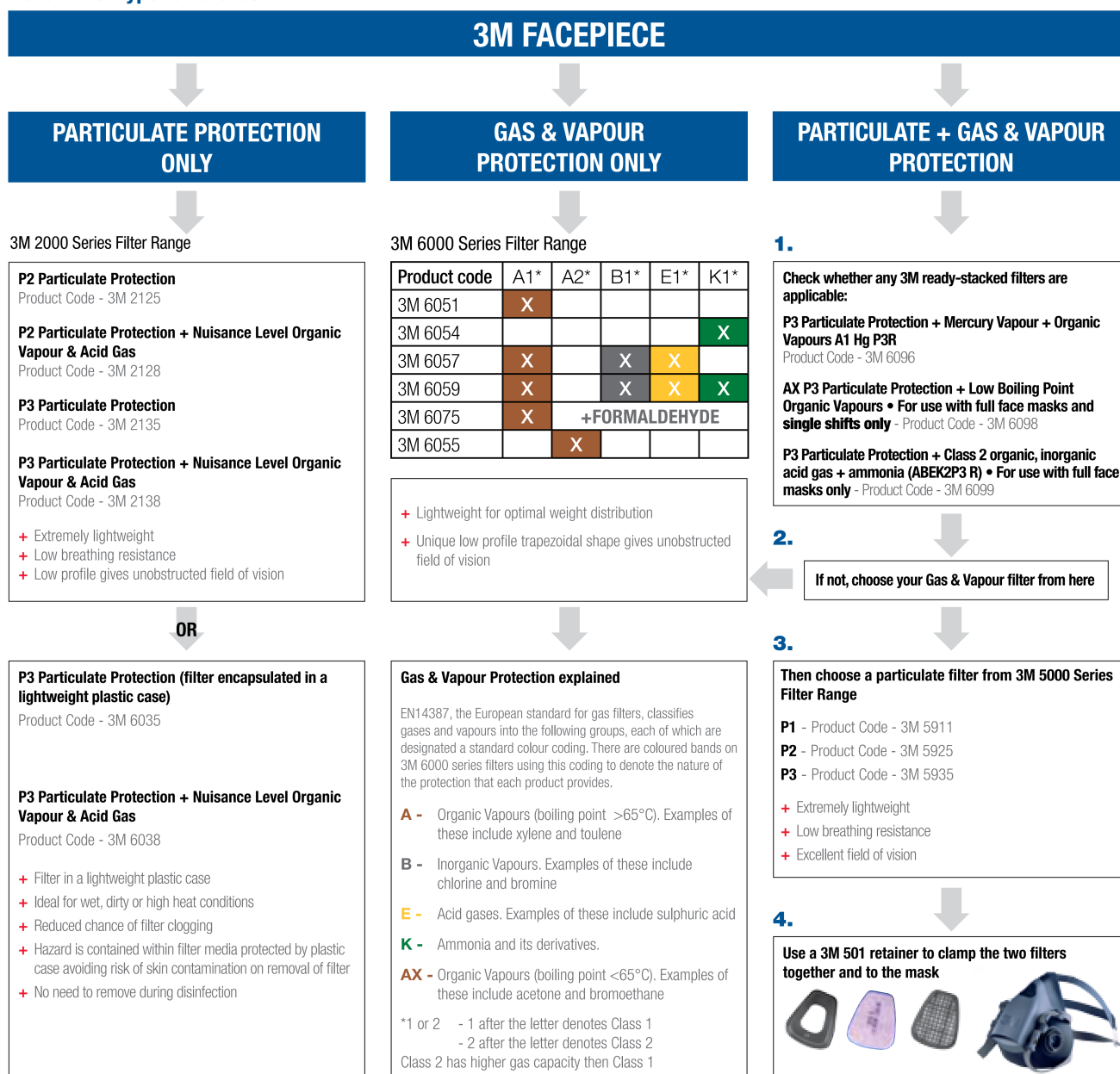
Depending on the filter you select, your 3M respirator can protect against particulates, gases and vapours or a combination of the two. To select the most appropriate filter for a particular chemical or hazard, please:

- Refer to the guidance below
- Visit the 3M online Filter Selector at [www.3M.co.uk/selectrespirator](http://www.3M.co.uk/selectrespirator), click on the link to 3M Respirator Product Selector, select the nature and level of hazardous substance you wish to protect against and a list of suggested filters will be generated.
- Or call the 3M Health & Safety Helpline on **0870 60 800 60 (UK)** or **1 800 320500 (IRL)** for advice and samples

## Identify the Hazard

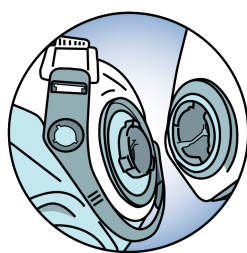
	Hazard	Typical Applications
Particulate	Dust / Mist / Metal Fume / Fibre / Micro-organisms	Wood working / Cutting / Grinding / Sanding / Welding
Gas and Vapour	Organic Vapour / Inorganic Gas / Acid Gas / Ammonia	Metal Etching / Pickling / Chemicals Handling & Mixing / Degreasing / Brush & Roller applied Varnish / Solvent Handling & Usage / Adhesives
Combination of Particulate and Gas and Vapour	Particles and Gas and Vapour Hazards Combined	Paint Spraying / Disinfectant Spraying / Adhesive Spraying

## Match filter type to hazards



# 3M™ Filters and Cartridges Range

Hazardous substances are found in many industries and applications. To help you provide the right product solutions, 3M offers a broad range of filters to protect against gases, vapours and particulates.



3M's bayonet-style cartridge connection for easy to fit filters and cartridges

## Gas and Vapour Cartridges

3M™ 6000 Series Gas and Vapour Filters

Filter	Protection level	Protection against
6051	A1	organic gases & vapours*
6054	K1	ammonia and its derivatives*
6055	A2	organic vapours*



6057	ABE1	organic vapours, inorganic vapours and acid gases*
6059	ABEK1	organic, inorganic and acid gases, ammonia and its derivatives*
6075	A1+ formaldehyde	organic vapours and formaldehyde*

Filter against gases/vapours and particulate:

6096	A1 HgP3R	organic vapours, mercury vapours and particulate*
6098**	AXP3R	single compound organic vapours (boiling point below 65 °C) and particulate
6099**	ABEK2P3R	organic vapours, inorganic and acid gases, ammonia, derivatives and particulate. 20 x WEL for organic vapours, inorganic, acid gases and ammonia : particulates up to 40 x WEL

\* Maximum use concentration 10 x Workplace Exposure Limit (WEL) with half mask or 20 x WEL with full face mask  
 \*\* Only for full face masks.  
 The filters of the 6000 Series conform with the European Standards: EN14387 and EN143.

## Particulate Filters

3M™ 2000 Series Particulate Filters approved to EN143: 2000



Filter	Protection level	Protection against
2125	P2R	Solid and liquid particles up to 10 x WEL
2128	P2R	Solid and liquid particles up to 10 x WEL plus ozone protection to 10 x WEL and organic vapours/acid gas below WEL
2135	P3R	Solid and liquid particles up to 20 x WEL (half-mask) or 40 x WEL (full face mask)
2138	P3R	Solid and liquid particles protection up to 20 x WEL (half-mask) or 40 x WEL (full face mask) plus ozone to 10 x WEL and organic vapours/acid gas below WEL

3M™ 6035/6038 Series Particulate Filters with EN143: 2000



Filter	Protection level	Protection against
6035	P3R	Solid and liquid particles – in stable plastic case for rough applications up to 20 x WEL (half-mask) or 40 x WEL (full face mask)
6038	P3R	Particulates up to 20 x WEL (half-mask) or 40 x WEL (full face mask). Hydrogen Fluoride gas up to 10 x WEL (half mask) or 30 ppm (full face mask) and relief from nuisance level organic vapours and acid gases below WEL

## Combination Filters

3M™ 5000 Series Particulate Filters with EN143: 2000



The 5000 Series Particulate Respirator combines with the 6000 Series Gas Vapour cartridges to provide particulate and gas/vapour protection. **Note:** you need to use the 3M 501 filter retainer to combine the 5000 Series and the 6000 Series

Filter	Protection level	Protection against
for combination with gas filters:		
5911	P1R	solid and liquid particles
5925	P2R	solid and liquid particles
5935	P3R	solid and liquid particles
501		filter retainer