

Filter selection guide.

Application	Hazard	Typical Protection Considered
Painting, Spraying, Varnishing, Coating (Non Isocyanates** based)	Solvent-Based Paint**	A2P3 R
	Anti-Fouling Paint Spraying / Grinding	A2P3 R
	Water Soluble Paint	A1P2 R
	Solvents, Resins, Synthetic Resins**	A2P3 R
	Latex-Paint, Residual Solvents	A2P3 R
	Wood Preservatives	A1P2 R
Maintenance	Disinfection, Cleaning*	ABEK1P2 R
Decoration	Spray-On Glue, Foam, Varnish, Adhesive	A1P2 R
Waste Removal	Bacteria, Spores, Odours	A1P2 R
Agriculture	Pesticides, Insecticides	ABEK1P2 R
Wood Treatment	Bonding, Spray-On Glue	A2P3 R
Construction, Grinding, Cutting, Drilling	Tarring	A2P3 R
	Sealing	A1P2 R
	Spray Foam Insulation	A1P2 R
Coating	Organic Solvent/with boiling point less than 65 C	AXP3 R
	Ammonia Based Paint Remover	ABEK
	Polyurethane Coating**	ABEK1P3 R
	Solvent Based Varnish	A2
	Water Based Varnish	A1
Bonding	Solvent containing Adhesives	A1
Handling	Sulphur Dioxide	ABE
	Hydrochloric Acid	ABE
	Liquid Manure	ABEK
	Ammonia	K
	Formaldehyde	A1 + Form
	Hazardous goods storage/transport	ABEK1P3 R

Warning:
This guide is only an outline. It should not be used as the only means for selecting a respirator. Details regarding performance and limitations are set out on the respirator package and user instructions. Before using any of these respirators, the wearer must read and understand the user instructions for each product. Specific country legislation must be observed.

* excluding Formaldehyde

** for occurrence of Isocyanates, please contact the 3M Customer Helpline +44 (0) 870 60 800 60 or your local 3M office

What types of filters are there?

Filter Type	Colour	Main area of application
P	White	Solid and liquid particles
A	Brown	Organic gases and vapours with boiling point >65°C.
AX	Brown	Highly volatile organic solvents with boiling point <65°C.
B	Grey	Inorganic gases
E	Yellow	Acid Gases
K	Green	Ammonia and organic ammonia derivatives
Hg	Red	Mercury (vapour) and mercury compounds

Filter Classification	APF with 3M Half Mask	APF with 3M Full Face Mask
P1	4	4
P2	10	10
P3	20	40
Class 1 Gas and Vapour filters	10 or 1000ppm (whichever is lower)	20 or 1000ppm (whichever is lower)
Class 2 Gas and Vapour filters	10 or 5000ppm (whichever is lower)	20 or 5000ppm (whichever is lower)

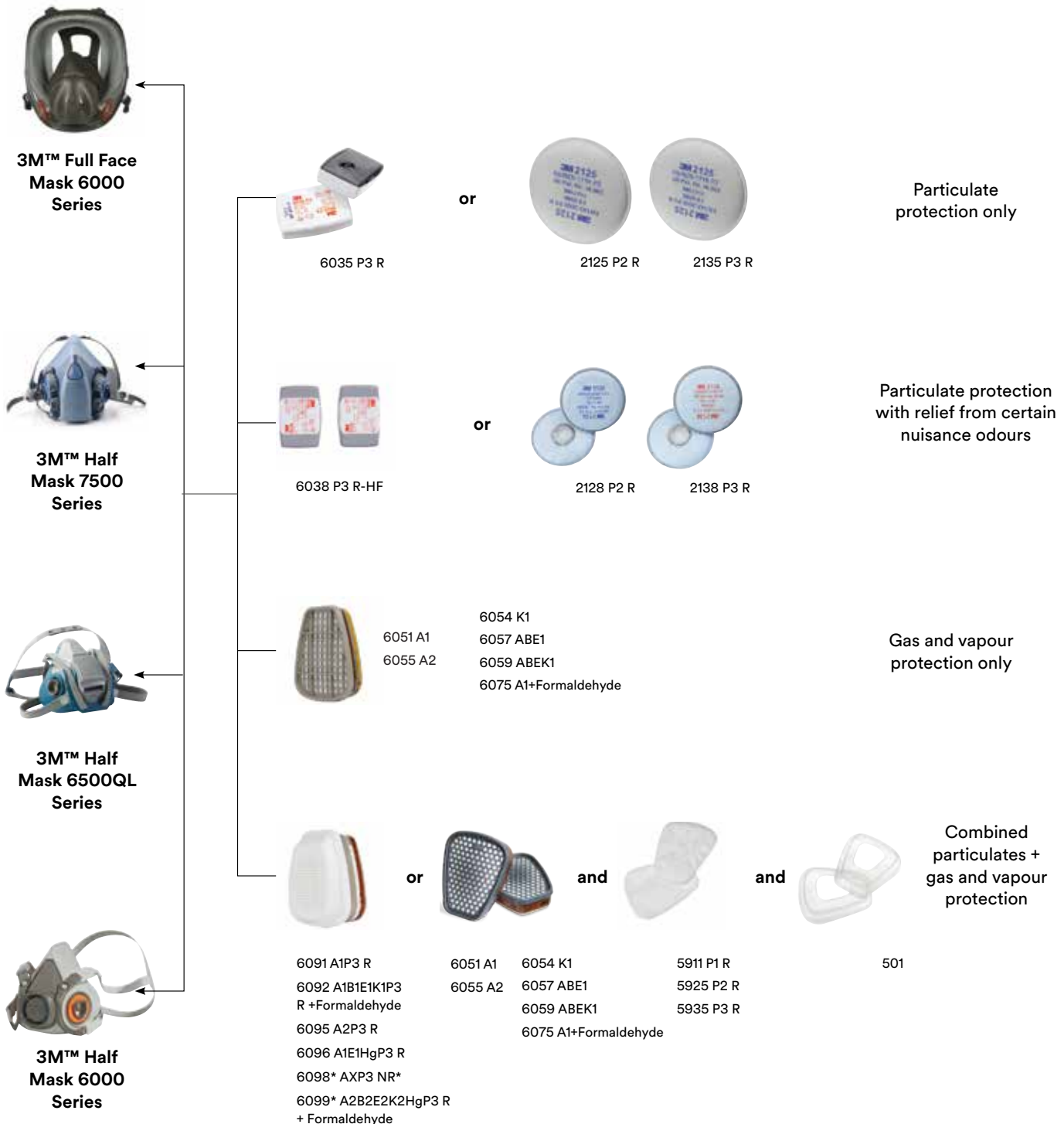
AX-Filter for low boiling point (organic composition with a low boiling point under 65 °C). AX-Filter should only be fitted to 3M™ Full Face masks. AX filters may only be used for a single shift.
A1 and A2 Filter for organic vapour with a boiling point above 65 °C.

APF = Assigned Protection Factor (For further information on APFs see HSE document HSG53)

Select the right respirator and filter.

3M™ Bayonet Filter Series

3M™ Reusable Respirators and Filters at a glance



* Only for full face masks

3M™ Secure Click™ Series Filters



3M™ DT-Series Filters

