










Protection levels gas and particulate filters / FFP masks

	Colour	Hazard types	Examples	Maximum use level
GAS FILTERS				
A1		Organic gases and vapours, boiling point > 65°C	Working with solvents created by varnish, paints and adhesives	10 x WEL [half mask] 20 x WEL [full face mask] or 1000 ppm whichever is lower
A2		As A1	As A1 but to higher concentrations	10 x WEL [half mask] 20 x WEL [full face mask] or 5000 ppm whichever is lower
A1B1E1		As A1+ inorganic gases and vapours + acid gases	As A1 + working with chlorine, bromine, hydrogen cyanide, hydrogen sulphide, hydrochloric acid and other acid gases	10 x WEL [half mask] 20 x WEL [full face mask] or 1000 ppm whichever is lower
A1B1E1K1		As A1B1E1 + ammonia	As A1B1E1 + working with ammonia	10 x WEL [half mask] 20 x WEL [full face mask] or 1000 ppm whichever is lower
A2B2E1		As A1B1E1	As A1B1E1 but to higher concentrations	10 x WEL [half mask] 20 x WEL [full face mask] or 5000 ppm (A + B), 1000 ppm (E) whichever is lower
AX		Organic vapours boiling point < 65°C	Working with low-boiling vapours e.g. acetone, dichloromethane	For single use only National legislation may limit maximum usage levels Please contact Moldex for details
	Colour	Hazard types	Examples	Maximum use level
PARTICULATE FILTERS / FFP MASKS				
P1 / FFP1		Non toxic dusts, mists and fumes based on water and oil ¹	Working with non toxic dusts, mists and fumes	4 x WEL [FFP mask and half mask] 4 x WEL [full face mask]
P2 / FFP2		Harmful and carcinogenic dusts, fumes and aerosols based on water and oil ²	Working with softwood, glass fibres, metal and plastics [besides PVC] and oil mists	10 x WEL [FFP mask and half mask] 10 x WEL [full face mask]
P3 / FFP3		Harmful and carcinogenic dusts, fumes and aerosols based on water and oil ³	Working with highly toxic metals, hardwood, radioactive and biochemical active substances as well as oil mists and welding of stainless steel	20 x WEL [FFP mask and half mask] 40 x WEL [full face mask]

R > re-usable - the filters can be used for more than one shift.

D > filters have passed the optional dolomite clogging test. Better breathing resistance for a longer period.

¹ > not against carcinogenic and radioactive materials, not against airborne biological substances and enzymes.

² > not against radioactive particulates, not against viruses and enzymes.

³ > against radioactive particulates as well as airborne biological substances and enzymes.