

Protection levels

gas and particulate filters plus FFP masks



Protection level	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 bromine, hydrogen cyanide, sulphur dioxide, 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
A2B2E2K2		As A1B1E1 + ammonia	As A1B1E1 + working with ammonia but to higher concentrations	10 x WEL [half mask] 20 x WEL [full face mask] or 5000 ppm 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
Hg P3		Mercury	Working with mercury vapours	Maximum use time against mercury 50 hours
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 [FFP mask and half mask] 4 [full face mask]
P2 / FFP2		Harmful dusts, fumes and aerosols based on water and oil ²	Working with softwood and oil mists	10 [FFP mask and half mask] 10 [full face mask]
P3 / FFP3		Harmful and carcinogenic dusts, fumes and aerosols based on water and oil ³	Working with toxic metals, hard-wood, radioactive and biochemical active substances as well as oil mists and welding of stainless steel	20 [FFP mask and half mask] 40 [full face mask]

Additional markings of particulate filters and FFP masks

NR [non reusable]: Disposable. Comfortable and durable throughout the whole shift.

R [reusable]: Faceseal can be cleaned, disinfected and used for more than one shift.

D: These masks have passed the optional Dolomite clogging test, for better breathing resistance for longer.

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.