

FIND THE RIGHT **CLEANSPACE** FILTER

This table is a guide to assist filter selection based in your applications.¹

A user should refer to the Material Data Safety Sheet (MSDS) and establish the concentration before selecting a filter.

INDUSTRY	APPLICATION	HAZARD	FILTER TYPE	CLEANSPACE FILTER	MATCHING PRE-FILTER
Metal-working	Cutting/grinding/drilling: of metals or rust	Metallic powder, rust powder	P3	PAF-0035	PAF-0036
	Cutting with laser beam (plasma)	Metallic powder	P3	PAF-0035	PAF-0036
	Cutting with laser beam with limited ventilation (plasma)	Metallic powder	SUPPLIED AIR	N/A	
	Soldering (without presence of soldering paste)	Smoke particles	P3	PAF-0035	PAF-0036
	Welding Aluminium - MIG, TIG, STICK WELDING (good environment with forced ventilation)	Aluminium oxide, smoke, ozone	HI-CAPACITY P3	PAF-0037 ²	
	Welding Aluminium - MIG, TIG, STICK WELDING (limited ventilation ³)	Aluminium oxide, smoke, ozone	ABE1P3	PAF-0091 ²	
	Welding Steel - MIG, TIG, STICK WELDING	Metallic powder, metal oxide smoke	HI-CAPACITY P3	PAF-0037 ²	
	Welding Galvanised Steel - MIG, TIG, STICK WELDING	Metallic powder, metal oxide smoke	HI-CAPACITY P3	PAF-0037 ²	
	Welding Stainless Steel - MIG, TIG, STICK WELDING (good environment with forced ventilation)	Metallic powder, metal oxide smoke	HI-CAPACITY P3	PAF-0037 ²	
	Welding Stainless Steel - MIG, TIG, STICK WELDING (limited ventilation ³)	Metallic powder, metal oxide smoke	ABE1P3	PAF-0091 ²	
Wood-working	Paint removal via sanding, brushing (including coatings containing chromium)	Fine paint particles	P3	PAF-0035	PAF-0036
	Adhesives Removal via scraping/sanding (such as polyester resin)	Fine particles	P3	PAF-0035	PAF-0036
	Cutting/planning/drilling: wood including beechwood and oak	Wood dust particles	P3	PAF-0035	PAF-0036
	Paint removal via stripping off using solvent based agents	Solvent vapour	A1P3	PAF-0046 ²	
	Gluing using solvent based substances (including spray adhesives, eg. Polyester resin or epoxy resin)	Adhesive mists and solvent vapours	A1P3	PAF-0046 ²	
	Paint removal via flame cleaning of old coats of paint	Gases, vapours, smoke, fine particles	ABE1P3	PAF-0091 ²	
	Paintwork	Cutting/sanding/drilling: paint, lacquers and anti corrosion paint (containing chromium)	Fine paint particles	P3	PAF-0035
Cutting/sanding/drilling: of anti-fouling lacquers		Fine paint particles	A1P3	PAF-0046 ²	
Spraying/varnishing with Latex Paint		Paint particles	P3	PAF-0035	PAF-0036
Powder coating		Fine paint particles	HI-CAPACITY P3	PAF-0037 ²	
Spraying/varnishing with water soluble paint		Fine paint particles	A1P3	PAF-0046 ²	
Spraying/varnishing with solvent based paint, synthetic laquer and bleaching agents		Solvent vapour and mist	A1P3	PAF-0046 ²	
Spraying/varnishing with Latex Paint with the presence of residual solvents or odours		Solvent vapour and paint particles	A1P3	PAF-0046 ²	
Spraying/varnishing of isocyanates		Solvent vapour and paint particles	SUPPLIED AIR	N/A	
Spraying/varnishing with laquers and wood preservatives		Organic vapours	A1P3	PAF-0046 ²	
Fibreglass		Mixing and Laying up	Epoxy and polyester resin, amine and anhydride hardener. Methyl ethyl ketine peroxide (MEKP), styrene vapour	A1P3	PAF-0046 ²
	Using a chopper gun	Glass fibre, dust resin and styrene vapour	A1P3	PAF-0046 ²	
	Spray painting and cleaning moulds	Organic vapour and mist	A1P3	PAF-0046 ²	
Maintenance	Disinfection and cleaning	Organic vapour, mist, dust	A1P3	PAF-0046 ²	
	Disinfection and cleaning (agents containing acids)	Acids	ABE1P3	PAF-0091 ²	
	Disinfection and cleaning (agents containing aldehydes)	Organic vapour, inorganic vapour, formaldehyde, mist, dust	ABE1P3	PAF-0091 ²	
Construction	Cutting/sanding/grinding/drilling/plastering/casting: Concrete, cement, stone, brickwork	Concrete dust, stone powder, fine plaster dust	P3	PAF-0035	PAF-0036
	Processing of glass fibre and mineral fiber (e.g. roof insulation)	Dust particles and fibres	P3	PAF-0035	PAF-0036
	Painting, Spraying, Varnishing, coating	Solvent-based paint, solvents, resins, latex-paint, spray-on-glue, foam, varnish, adhesives	A1P3	PAF-0046 ²	
Agriculture	Sweeping: Barns, coops, pens. Cleaning animal feed systems	Dust particles	P3	PAF-0035	PAF-0036
	Mixing/spraying: Pesticide, fungicides, herbicides or organic vapours	Organic vapour, mist, dust	A1P3	PAF-0046 ²	
	Handling Liquid Manure	Gases and vapours	A1P3	PAF-0046 ²	

1) PAFtec accepts no liability for incorrect choice of respiratory protective equipment. This chart is only an outline. It is designed to assist in the selection of the most appropriate filter for particular applications. It should not be used as the only means of selecting respirator/filter combination. This guide does not release the user from the obligation to comply with national application regulations and laws and is not a substitute for adhering to and understanding the product instruction manuals. 2) Requires Filter Adaptor PAF-0038. 3) Filtering respiratory protection devices should not be used in poorly ventilated areas or confined spaces, such as tanks, small rooms, tunnels or vessels. CleanSpace should not be used in oxygen deficient or oxygen enriched atmospheres. The CleanSpace EX is suitable for use in certain ignitable or potentially explosive atmospheres where there is a risk of explosion.