






































FIND THE RIGHT CLEANSPACE FILTER

This table is a guide to assist filter selection based on the application and hazard¹. **IMPORTANT:** Users should refer to the Material Safety Data Sheet (MSDS) and establish the hazard concentration before selecting a filter.

INDUSTRY	APPLICATION	HAZARD	RIBBON	FILTER TYPE	CLEANSPACE FILTER CODE
Construction	Cutting, grinding: Concrete, cement, stone, brickwork	Crystalline Silica & concrete, stone, plaster dust		P3	PAF-0035 & PAF-0037
	Applying insulation: Glass & mineral fiber	Particles and fibres		P3	PAF-0035 & PAF-0037
	Spraying & varnishing: Anti-fouling lacquers, lacquers and synthetic lacquers, water-soluble and solvent based paints, bleaching agents, tar, latex paints, paint remover and wood preservatives	Particles & vapours		A1P3 & A2P3	PAF-0050 & PAF-0077 (EU ONLY)
Metal Work	Cutting, grinding, drilling metal (with ventilation)	Metallic or rust powder (Conc Dependant)		P3	PAF-0035 & PAF-0037
	Soldering (without paste)	Smoke particles		P3	PAF-0035 & PAF-0037
	Soldering (with paste)	Gases & Ammonia		ABEK1P3	PAF-0052 (EU) & PAF-0076 (AU)
	Welding MIG, TIG, STICK: Aluminium (with ventilation)	Aluminium oxide, smoke, ozone		P3	PAF-0035 & PAF-0037
	Welding MIG, TIG, STICK: Aluminium (with limited ventilation)	Aluminium oxide, smoke, ozone		ABE1P3	PAF-0051 (EU) & PAF-0091 (AU)
	Welding MIG, TIG, STICK: Steel & Stainless Steel	Metallic powder, metal oxide smoke		ABE1P3	PAF-0051 (EU) & PAF-0091 (AU)
	Welding MIG, TIG, STICK: Galvanised Steel	Metallic powder, metal oxide smoke		P3	PAF-0035 & PAF-0037
Paint Work	Grinding: Paint, lacquers and anti corrosion paint (inc chromium)	Fine paint particles		P3	PAF-0035 & PAF-0037
	Spraying & varnishing: Anti-fouling lacquers, lacquers and synthetic lacquers, water-soluble and solvent based paints, bleaching agents, tar, latex paints, paint remover and wood preservatives	Particles & vapours		A1P3 & A2P3	PAF-0050 & PAF-0077 (EU ONLY)
	Spraying & painting: Anti-moulds	Organic vapour and mist		A1P3 & A2P3	PAF-0050 & PAF-0077 (EU ONLY)
	Spraying & varnishing: isocyanates	Solvent vapour and paint particles (Conc. Dependant)		SUPPLIED AIR	NA
	Powder coating	Fine paint particles		P3	PAF-0035 & PAF-0037
Wood Work	Sanding & scraping removal: Paint, polyester resin, lacquers & adhesive (inc chromium based)	Fine paint particles		P3	PAF-0035 & PAF-0037
	Solvent removal: Paint, resin, adhesive	Solvent vapour		A1P3 & A2P3	PAF-0050 & PAF-0077 (EU ONLY)
	Flame cleaning: Paint and adhesives	Gases, vapours, smoke, fine particles		ABE1P3	PAF-0051 (EU) & PAF-0091 (AU)
	Cutting, planing, drilling: Wood (inc beechwood & oak)	Wood dust particles		P3	PAF-0035 & PAF-0037
	Gluing: solvent based substances (inc polyester or epoxy resin spray)	Adhesive mists and solvent vapours (Conc. dependant)		A1P3 & A2P3	PAF-0050 & PAF-0077 (EU ONLY)
Fibreglass	Preparing & applying: Epoxy and polyester resin, amine and anhydride hardener; Glass fibre, dust resin and styrene vapour	Methyl ethyl ketone peroxide (MEKP), styrene vapour		A1P3 & A2P3	PAF-0050 & PAF-0077 (EU ONLY)
	Preparing and spraying fibreglass moulds	Organic vapour and mist		A1P3 & A2P3	PAF-0050 & PAF-0077 (EU ONLY)
Maintenance & Cleaning	Disinfection & cleaning: UNKNOWN WASTE	Organic vapour, mist, dust		ABEK1P3	PAF-0052 (EU) & PAF-0076 (AU)
	Disinfection & cleaning: Agents containing acids	Acids		ABE1P3	PAF-0051 (EU) & PAF-0091 (AU)
	Disinfection & cleaning: Agents containing aldehydes	Organic vapour, inorganic vapour, formaldehyde, mist, dust		ABE1P3	PAF-0051 (EU) & PAF-0091 (AU)
	Disinfection & cleaning: Moulds	Organic vapour and mist		A1P3 & A2P3	PAF-0050 & PAF-0077 (EU ONLY)
Healthcare & Laboratories	Collection & Handling: Biological material	Particles or mist		P3	PAF-0035 & PAF-0037
	Disinfection & Cleaning: Agents Acids or Aldehydes	Organic vapour, inorganic vapour, formaldehyde, mist, dust or Acids		ABE1P3	PAF-0051 (EU) & PAF-0091 (AU)
Agriculture	Cleaning: Animal pens & feed systems (silos)	Dust particles		P3	PAF-0035 & PAF-0037
	Handling & spraying: Pesticide, fungicides, herbicides or organic vapours	Vapour, mist and dust		ABEK1P3	PAF-0052 (EU) & PAF-0076 (AU)
	Handling: Liquid Manure	Gases and vapours		ABEK1P3	PAF-0052 (EU) & PAF-0076 (AU)
Handling & Transport	Sulphur dioxide	Sulphur dioxide		ABE1P3	PAF-0051 (EU) & PAF-0091 (AU)
	Hydrochloric Acid	Hydrochloric Acid		ABE1P3	PAF-0051 (EU) & PAF-0091 (AU)
	Liquid Manure	Liquid Manure		ABEK1P3	PAF-0052 (EU) & PAF-0076 (AU)
	Ammonia	Ammonia		ABEK1P3	PAF-0052 (EU) & PAF-0076 (AU)
	Bacteria and spores	Bacteria and spores		P3	PAF-0035 & PAF-0037
	Formaldehyde	Formaldehyde		A1P3 & A2P3	PAF-0050 & PAF-0077 (EU ONLY)
	HAZARDOUS Goods storage/transport	HAZARDOUS Goods storage/transport		ABEK1P3	PAF-0052 (EU) & PAF-0076 (AU)

¹) CleanSpace Technology 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. For selection of the correct respiratory protection equipment for your application, consult a safety specialist. **IMPORTANT NOTE:** Filtering respiratory protection devices should not be used in poorly ventilated areas or confined spaces, such as tanks, small rooms, tunnels or vessels. CleanSpace respirators should not be used in oxygen deficient or oxygen enriched atmospheres or flammable or explosive environments.