










































































This table is a guide to assist filter selection based on your 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	CLEANSPACE FILTER TYPE / CODE
Construction	Cutting, Grinding: Concrete, Cement, Stone, Brickwork	Crystalline Silica & Concrete, Stone, Plaster Dust	 PAPR-P3 PAF-0035 PAF-0037 (High Capacity)
	Applying Insulation: Glass, Mineral Fibre	Particles and Fibres	 PAPR-P3 PAF-0035 PAF-0037 (High Capacity)
	Spraying & Varnishing: Anti-fouling lacquers, Lacquers and Synthetic Lacquers, Water-Soluble and Solvent Based Paints, Bleaching Agents, Tar, Latex Paints, Paint Remover, Wood Preservatives	Particles and Vapours	 PAPR-ABE1P3 PAF-0091
Metal Work	Cutting, Grinding, Drilling: Metal (with ventilation)	Metallic or Rust Powder (Concentration Dependent)	 PAPR-P3 PAF-0035 PAF-0037 (High Capacity)
	Soldering: Metal (without paste)	Smoke Particles	 PAPR-P3 PAF-0035 PAF-0037 (High Capacity)
	Soldering: Metal (with paste)	Gases and Ammonia	 PAPR-ABEK1P3 PAF-0076
	Welding MIG, TIG, STICK: Aluminium (with ventilation)	Aluminium Oxide, smoke, Ozone	 PAPR-P3 PAF-0035 PAF-0037 (High Capacity)
	Welding MIG, TIG, STICK: Aluminium (with limited ventilation)	Aluminium Oxide, Smoke, Ozone	 PAPR-ABE1P3 PAF-0091
	Welding MIG, TIG, STICK: Galvanised & Stainless Steel	Metallic Powder, Metal Oxide Smoke	 PAPR-ABE1P3 PAF-0091
	Welding MIG, TIG, STICK: Steel	Metallic Powder, Metal Oxide Smoke	 PAPR-P3 PAF-0035 PAF-0037 (High Capacity)
Paint Work	Grinding: Paint, lacquers and anti-corrosion paint (including chromium)	Fine Paint Particles	 PAPR-P3 PAF-0035 PAF-0037 (High Capacity)
	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	 PAPR-ABE1P3 PAF-0091
	Spraying and Painting: Anti-moulds	Organic Vapour & Mist	 PAPR-ABE1P3 PAF-0091
	Spraying & varnishing: isocyanates	Solvent Vapour and Paint Particles (Concentration Dependent)	-----SUPPLIED AIR-----
	Powder coating	Fine Paint Particles	 PAPR-P3 PAF-0035 PAF-0037 (High Capacity)
Wood Work	Sanding & scraping removal: Paint, polyester resin, lacquers & adhesive (including chromium based)	Fine Paint Particles	 PAPR-P3 PAF-0035 PAF-0037 (High Capacity)
	Solvent removal: Paint, resin, adhesive	Solvent Vapour	 PAPR-ABE1P3 PAF-0091
	Flame cleaning: Paint and adhesives	Gases, Vapours, Smoke, Fine Particles	 PAPR-ABE1P3 PAF-0091
	Cutting, Planting, Drilling: Wood (including Beach Wood & Oak)	Wood Dust Particles	 PAPR-P3 PAF-0035 PAF-0037 (High Capacity)
	Gluing: Solvent based substances (including Polyester or Epoxy Resin Spray)	Adhesive Mists and Solvent Vapours (Concentration Dependent)	 PAPR-ABE1P3 PAF-0091
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	 PAPR-ABE1P3 PAF-0091
	Preparing and spraying fibreglass moulds	Organic Vapour, Mist, Dust	 PAPR-ABE1P3 PAF-0091
Maintenance & Cleaning	Disinfection & cleaning: Agents containing Acids	Acids	 PAPR-ABE1P3 PAF-0091
	Disinfection & cleaning: Agents containing Aldehydes	Organic Vapour, Inorganic Vapour, Formaldehyde, Mist, Dust	 PAPR-ABEK1P3 PAF-0076
	Disinfection & cleaning: Moulds	Organic Vapour and Mist	 PAPR-ABEK1P3 PAF-0076
Healthcare & Laboratories	Collection & Handling: Biological material	Particles or Mist	 PAPR-P3 PAF-0035 PAF-0037 (High Capacity)
	Disinfection & Cleaning: Agents Acids, Aldehydes or specimen preservation	Organic Vapour, Inorganic Vapour, Specimen Preservation, Mist, Duct or Acids	 PAPR-ABE1P3 PAF-0091
Agriculture	Cleaning: Animal pens & feed systems (silos)	Dust Particles	 PAPR-P3 PAF-0035 PAF-0037 (High Capacity)
	Handling & Spraying: Pesticide, Fungicides, Herbicides or Organic Vapours	Vapour, Mist and Dust	 PPR-ABEK1P3 PAF-0076
	Handling: Liquid Manure and Agrichemicals	Organic gas and vapours produced by solvents with a boiling point ≤65°C	 PAPR-ABEK1P3 PAF-0076
Handling & Transport	Sulphur Dioxide	Sulphur Dioxide	 PAPR-ABE1P3 PAF-0091
	Hydrochloric Acid	Hydrochloric Acid	 PAPR-ABE1P3 PAF-0091
	Liquid Manure	Liquid Manure	 PAPR-ABEK1P3 PAF-0076
	Ammonia	Ammonia	 PAPR-ABEK1P3 PAF-0076
	Bacteria and Spores	Bacteria and Spores	 PAPR-P3 PAF-0035 PAF-0037 (High Capacity)
	Formaldehyde	Formaldehyde	 PAPR-AXP2 PAF-0087
	HAZARDOUS GOODS: Storage/Transport	HAZARDOUS GOODS: Storage/Transport	 PAPR-ABEK1P3 PAF-0076
	Fumigation – AX	Methyl Bromide	 PAPR-AXP2 PAF-0087
	Construction materials	Formaldehyde	 PAPR-AXP2 PAF-0087

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.



This table is a guide to assist filter selection based on your 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	CLEANSPACE FILTER TYPE / CODE
Construction	Cutting, Grinding: Concrete, Cement, Stone, Brickwork	Crystalline Silica & Concrete, Stone, Plaster Dust	 PAPR-P3 CST1005 CST1004 (High Capacity)
	Applying Insulation: Glass, Mineral Fibre	Particles and Fibres	 PAPR-P3 CST1005 CST1004 (High Capacity)
	Spraying & Varnishing: Anti-fouling lacquers, Lacquers and Synthetic Lacquers, Water-Soluble and Solvent Based Paints, Bleaching Agents, Tar, Latex Paints, Paint Remover, Wood Preservatives	Particles and Vapours	 PAPR-ABEK1P3 CST1007
Metal Work	Cutting, Grinding, Drilling: Metal (with ventilation)	Metallic or Rust Powder (Concentration Dependent)	 PAPR-P3 CST1005 CST1004 (High Capacity)
	Soldering: Metal (without paste)	Smoke Particles	 PAPR-P3 CST1005 CST1004 (High Capacity)
	Soldering: Metal (with paste)	Gases and Ammonia	 PAPR-ABEK1P3 CST 1007
	Welding MIG, TIG, STICK: Aluminium (with ventilation)	Aluminium Oxide, smoke, Ozone	 PAPR-P3 CST1005 CST1004 (High Capacity)
	Welding MIG, TIG, STICK: Aluminium (with limited ventilation)	Aluminium Oxide, Smoke, Ozone	 PAPR-ABEK1P3 CST1007
	Welding MIG, TIG, STICK: Galvanised & Stainless Steel	Metallic Powder, Metal Oxide Smoke	 PAPR-ABEK1P3 CST1007
	Welding MIG, TIG, STICK: Steel	Metallic Powder, Metal Oxide Smoke	 PAPR-P3 CST1005 CST1004 (High Capacity)
Paint Work	Grinding: Paint, lacquers and anti-corrosion paint (including chromium)	Fine Paint Particles	 PAPR-P3 CST1005 CST1004 (High Capacity)
	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	 PAPR-ABEK1P3 CST1007
	Spraying and Painting: Anti-moulds	Organic Vapour & Mist	 PAPR-ABEK1P3 CST1007
	Spraying & varnishing: isocyanates	Solvent Vapour and Paint Particles (Concentration Dependent)	-----SUPPLIED AIR-----
	Powder coating	Fine Paint Particles	 PAPR-P3 CST1005 CST1004 (High Capacity)
Wood Work	Sanding & scraping removal: Paint, polyester resin, lacquers & adhesive (including chromium based)	Fine Paint Particles	 PAPR-P3 CST1005 CST1004 (High Capacity)
	Solvent removal: Paint, resin, adhesive	Solvent Vapour	 PAPR-ABEK1P3 CST1007
	Flame cleaning: Paint and adhesives	Gases, Vapours, Smoke, Fine Particles	 PAPR-ABEK1P3 CST1007
	Cutting, Planting, Drilling: Wood (including Beach Wood & Oak)	Wood Dust Particles	 PAPR-P3 CST1005 CST1004 (High Capacity)
	Gluing: Solvent based substances (including Polyester or Epoxy Resin Spray)	Adhesive Mists and Solvent Vapours (Concentration Dependent)	 PAPR-ABEK1P3 CST1007
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	 PAPR-ABEK1P3 CST1007
	Preparing and spraying fibreglass moulds	Organic Vapour, Mist, Dust	 PAPR-ABEK1P3 CST1007
Maintenance & Cleaning	Disinfection & cleaning: Agents containing Acids	Acids	 PAPR-ABEK1P3 CST1007
	Disinfection & cleaning: Agents containing Aldehydes	Organic Vapour, Inorganic Vapour, Formaldehyde, Mist, Dust	 PAPR-ABEK1P3 CST1007
	Disinfection & cleaning: Moulds	Organic Vapour and Mist	 PAPR-ABEK1P3 CST1007
Healthcare & Laboratories	Collection & Handling: Biological material	Particles or Mist	 PAPR-P3 CST1005 CST1004 (High Capacity)
	Disinfection & Cleaning: Agents Acids, Aldehydes or specimen preservation	Organic Vapour, Inorganic Vapour, Specimen Preservation, Mist, Duct or Acids	 PAPR-ABEK1P3 CST1007
Agriculture	Cleaning: Animal pens & feed systems (silos)	Dust Particles	 PAPR-P3 CST1005 CST1004 (High Capacity)
	Handling & Spraying: Pesticide, Fungicides, Herbicides or Organic Vapours	Vapour, Mist and Dust	 PAPR-ABEK1P3 CST1007
	Handling: Liquid Manure and Agrichemicals	Organic gas and vapours produced by solvents with a boiling point ≤65°C	 PAPR-ABEK1P3 CST1007
Handling & Transport	Sulphur Dioxide	Sulphur Dioxide	 PAPR-ABEK1P3 CST1007
	Hydrochloric Acid	Hydrochloric Acid	 PAPR-ABEK1P3 CST1007
	Liquid Manure	Liquid Manure	 PAPR-ABEK1P3 CST1007
	Ammonia	Ammonia	 PAPR-ABEK1P3 CST1007
	Bacteria and Spores	Bacteria and Spores	 PAPR-P3 CST1005 CST1004 (High Capacity)
	HAZARDOUS GOODS: Storage/Transport	HAZARDOUS GOODS: Storage/Transport	 PAPR-ABEK1P3 CST1007

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