



AMS HADEN

INSTRUMENT AND MINING SERVICES
PROP. R. HADEN INSTRUMENT SERVICES (PTY) LTD

CleanSpace®

R E S P I R A T O R S



AFtec



CleanSpace™



battery

CleanSpace2



CLEANSACE2™

CLEANSACE ULTRA

CLEANSACE EX

REVOLUTIONARY
RESPIRATORY
PROTECTION

IEC 60079-0:2011
IEC 60079-11:2011
Ex ia I Ma Ex ib IIB T4 Gb



red dot award 2016
best of the best

WWW.CLEANSPACETECHNOLOGY.COM

CleanSpace[®]

RESPIRATORS

REVOLUTIONARY
RESPIRATORY
PROTECTION



Work Effortlessly & Comfortably

Over long periods with P3/TM3 protection

SAFE

Fully certified positive pressure respiratory with HEPA filtration (99.97% efficiency) ensuring maximum protection in the work place. Up to 8 hours run time. TSI Portacount testing adaptors available.

WEARABLE

Easy to wear; Effortless and comfortable. No hoses or heavy belt mounted battery packs. Award winning lightweight design (less than 500g) and lithium polymer battery delivers clean fresh air for a full shift.

SMART

Tough, reliable, cost effective; no servicing or maintenance and easy to clean; A simple one-button system; CleanSpace compact design provides compatibility with other safety equipment.

CLEANSPACE2™

Powered P3 Respirator

Light, with no hoses, belts or cables and no maintenance. Particulate and Gas Filters

- High dust sites – quarries, mining
- Welding, grinding
- Maintenance and cleaning
- Timber and agriculture



CE

CLEANSPACE™ ULTRA

Powered P3 respirator

With Rating IP 66 designed for use in decontamination showers

- Chemical handling
- Lead abatement
- Infectious agents
- First responder



CE

CLEANSPACE™ EX

Powered P3 respirator

Intrinsically safe certified for use in potentially explosive atmospheres

- Underground coal
- Oil and gas
- Petrochemical
- Chemical handling



IEC 60079-0:2011
IEC 60079-11:2011
Ex ia I Ma Ex ib IIB T4 Gb

Ex CE

Work Effortlessly and comfortably with HEPA Particulate Filtration (P3/TM3). Free Online Training.

CleanSpace is the only choice in protective masks to ensure compliance due to its comfort and one-button simplicity. Filtration efficiency 99.97% for particles 0.3 microns and above. Protects against dusts, mists, fumes and radionuclides. Ideal for lead, asbestos, silica and biohazards. Combination Gas filters also available.

Contact: sales@cleanspacetechnology.com

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1 POWER UNITS

CLEANSACE2 PAPR
PAF-0034



CLEANSACE ULTRA PAPR
PAF-0070



CLEANSACE EX PAPR
PAF-0060



2 FACE MASKS

PAF-0033
Small

PAF-1010
Medium

PAF-0027
Large



PAF-1014
Full Face*
(M-L)

PAF-1106
Full Face*
(S)

* Cleanspace
Ultra and EX Only



3 FILTERS

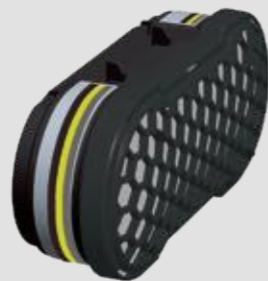
PAF-0035
EN12942 TM3P HEPA
Particulate Filter
(Pack Of 3)



PAF-0037
Hi Capacity
(Hi Cap) Particulate
Filter P3 HEPA



PAF-0091
Combined: Organic,
Inorganic & Acid
Gas & Vapour
+ Particulate
AU:ABEP3



PAF-0076
Combined: Organic,
Inorganic, Acid
& Amonia Gas
+ Particulate
AU:ABEKP3



4 FILTER ADAPTOR

PAF-0038
Adaptor for
HiCap and
Gas filters



5 PRE-FILTERS & COVERS

PAF-0036
Pre-Filter
(Pack Of 10)



PAF-0058
CleanSpace™
Particulate Pre-Filter
& Coverall
(Standard Filter)



PAF-0057
CleanSpace™
Particulate Pre-Filter
(Large Case Filters)



PAF-0049
CleanSpace™
Coverall (Standard
& Large Case Filters)



OTHER ACCESSORIES

- PAF-0099** Backpack (Black)
- PAF-0075** Helmet Hook Strap
- PAF-0074** Ultra Cleaning & Storage Plug Set
- PAF-0025** Half Mask Adaptor for Quantitative Fit (Portacount) Testing
- PAF-1015** Full Face Mask Quantitative Fit Test (PortaCount) Adaptor
- PAF-1018** Full Face Mask Tear off Visor Anti-Scratch Protectors (pack of 10)
- PAF-1017** Full Face Mask Spectacle Kit
- PAF-0049** Coverall (Standard and Large Case Filters) (pk 25)
- PAF-0048** (2 & Ultra) Charging Station for 10 motor units
- PAF-0079** EX Charging Station for 10 motor units

SPARES

- PAF-0014** CleanSpace2™ Neck Pad Thick (spare)
- PAF-0016** CleanSpace2™ Neck Pad Thin (spare)
- PAF-0028** Half Mask Exhalation Valve Assembly (pk 2) (spare)
- PAF-0030** CleanSpace2™ Head Harness (spare)
- PAF-0040** CleanSpace2™ & Ultra Battery Charger (spare)
- PAF-0066** EX Battery Charger (spare)
- PAF-0073** Ultra & EX Head Harness (spare)
- PAF-1012** Ultra & EX Neck Support Small (spare)
- PAF-1013** Ultra & EX Neck Support Large (spare)
- PAF-1016** Full Face Mask Harness Kit (spare)
- PAF-1019** Full Face Mask Exhalation Valve (pack of 2) (spare)
- PAF-1020** Full Face Mask Inhalation Valve (6 valves) (spare)
- PAF-1021** Full Face Mask Exhalation Valve Cover (spare)
- PAF-1022** Full Face Mask Orinasal Inner Mask Set (Small)
- PAF-1027** Full Face Mask Orinasal Inner Mask Set (Medium / Large) (spare)

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	CLEANSACE 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
	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: Steel, & Galvanised Steel (with ventilation)	Metallic powder, metal oxide smoke		ABE1P3	PAF-0035 & PAF-0037
	Welding MIG, TIG, STICK: Stainless Steel	Metallic powder, metal oxide smoke		ABE1P3	PAF-0051 (EU) & PAF-0091 (AU)
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
Preparing and spraying fibreglass moulds		Organic vapour and mist		A1P3 & A2P3	PAF-0050 & PAF-0077 (EU ONLY)
Asbestos	Inspection and testing	Asbestos fibres		P3	PAF-0035 & PAF-0037
	Stripping and removal: Bonded and Friable	Asbestos fibres		P3	PAF-0035 & PAF-0037
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) 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. 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.

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R E S P I R A T O R S



Specialists In Personal Respiratory Protection

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