

▶ Pro 2000

Filter cartridges for respiratory protective equipment

Single filter
 EN148-1 DIN40mm



Product description

The **Pro 2000** filter cartridges combine SCOTT Safety advanced technology and exclusive know-how in terms of air purifying respirators. The available series covers a very large range of applications. These filtering respirator cartridges are all compliant with the EN standard and marked with the CE0121 label.

The **Pro 2000** filters are certified to the latest EN standards, marked "R" for reusable, CE and connect through an EN148-1 40 mm thread (compatible with EN1336 compliant panoramic masks and EN140 certified half-masks).

▶ Pro 2000 filter cartridges

- Particulates filters trap a large range of particular impurities such as solid and liquid particles, fumes, welding vapors, aerosols, mists and micro-organisms (bacteria and virus) as well as radioactive particles.
- Gas filters protect against many harmful gases and vapors.
- Combined filters protect against both gases/vapors and particles.

Technical specifications

▶ Particle filters

- High capacity filter element removing up to the finest particles and purifying air up to 99.999% (at 95L/min).
- Highly hydrophobic filter element.
- Pleated parallel air purifying surface with large surface reducing the risk of clogging in heavy dusty environments.

▶ Gas filters

- The microporous structure of carbon is composed by tiny capillaries with large absorption areas.
- Thanks to high quality materials, the absorbent element's retention capacity remains high for a long time
- Less carbon provides low weight and less breathing resistance real benefits for the user.
- With a safe margin to EN requirements, **Pro 2000** gas filters perform effectively using only 220–320 ml of carbon.

▶ Combined filters

Combined filters remove hazardous gases and vapors as well as particles. Air goes first through a particle filter, then a gas filter. The filter removes aerosol based particles such as paint droplets. When spraying liquid substances a combined filter should be used.

▶ Selecting a filter cartridge

- Will the atmosphere contain sufficient oxygen (approx. 18-23% vol.) throughout the period of exposure?
- Which hazardous substances are likely to be present?
- What are their physical and chemical properties?
- Which forms do the airborne contaminants take? Particles, gases or both?
- What are the concentrations in the atmosphere?
- What are the relevant occupational exposure limit values (OEL) or the safe exposure levels?
- What effects can these substances have on health?



Half mask AVIVA 40



Gas mask SARI



PAPR DURAFLOW

	Cartridge type	Filter type	Main use	Weight	Codification
Particle filters	PF10	PF10	Solid and liquid particles, radioactive and highly toxic particles, bacteria and virus.	74 gr	5052670
	PFR10 (reduced entry)	P3	Solid and liquid particles, radioactive and highly toxic particles, bacteria and virus.	75 gr	5052680
Gas filters	GF22	A2	Organic gases and vapors such as solvents with a boiling point greater than 65 °C	190 gr	5042870
	GF22	B2	Inorganic gases and vapors such as chlorine, hydrogen sulfide, hydrogen cyanide	195 gr	5042871
	GF32	E2	Acid gases and vapors such as sulfur dioxide	305 gr	5542972
	GF22	A2B2	Organic and inorganic gases and vapors	195 gr	5542874
	GF32	A2B2E2K2	Organic and inorganic gases and vapors, acid gases and vapors and ammonia	320 gr	5042979
	GF32	AX	Organic compounds gases and vapors with a boiling point lower than or equal to 65 °C	268 gr	5042970
Combined filters	CF22	A2-P3	Organic gases and vapors such as solvents with a boiling point greater than 65 °C, solid and liquid particles, radioactive and highly toxic particles, bacteria and virus.	230 gr	5042670
	CF32	A2-P3	Organic gases and vapors such as solvents with a boiling point greater than 65 °C, solid and liquid particles, radioactive and highly toxic particles, bacteria and virus.	340 gr	5543070
	CF22	B2-P3	Inorganic gases and vapors such as chlorine, hydrogen sulfide, hydrogen cyanide, solid and liquid particles, radioactive and highly toxic particles, bacteria and virus.	265 gr	5042671
	CF32	E2-P3	Acid gases and vapors such as sulfur dioxide, solid and liquid particles, radioactive and highly toxic particles, bacteria and virus.	265 gr	5043072
	CF22	K2-P3	Ammoniac et dérivés organiques de l'ammoniac, particules solides et liquides, radioactives et hautement toxiques, bactéries et virus.	370 gr	5042673
	CF22	A2B2-P3	Ammonia and ammonia organic derivatives, solid and liquid particles, radioactive and highly toxic particles, bacteria and virus.	265 gr	5542674
	CF22	A2B2E1-P3	Organic and inorganic gases and vapors, solid and liquid particles, radioactive and highly toxic particles, bacteria and virus.	270 gr	5042678
	CF32	A2B2E2K2-P3	Organic and inorganic gases and vapors, acid gases and vapors, solid and liquid particles, radioactive and highly toxic particles, bacteria and virus.	370 gr	5042799
	CF32	AX-P3	Organic compounds gases and vapors with a boiling point lower than or equal to 65 °C, solid and liquid particles, radioactive and highly toxic particles, bacteria and virus.	310 gr	5042770
	CF32	Reactor-Hg-P3	Mercury and compounds, radioactive iodine and organic compounds such as methyl iodide, solid and liquid particles, radioactive and highly toxic particles, bacteria and virus.	307 gr	5542777
	CF22	A1E1Hg-P3	Organic and acid gases and vapors, mercury and compounds, ozone, solid and liquid particles, radioactive and highly toxic particles, bacteria and virus.	268 gr	5042778
	CF32	A2B2E2K2-Hg-P3	Organic, inorganic and acid gases and vapors, ammonia and ammonia organic derivatives, mercury vapor and mercury compounds, solid and liquid particles, radioactive and highly toxic particles, micro-organisms such as bacteria and virus.	370 gr	55422798