



Hazmat Protective Systems
110 Oak Avenue
Highveld Techno park
Centurion



Gateway to Defence Solutions

Company registration: 1968/008611/06 VAT registration: 4280134919

A2B2E2K1P3 CANISTER FILTER DATA SHEET

DESCRIPTION



Note: The colour of the filter can be black or grey.

Code	Packaging	EN standard	Approval	Number	Date
HFPC3007	50 units	EN14387	NRCS	AZ2003/32	16.10.2003

Colour code: In accordance with the EN Standard.

Combined filter A2B2E2K1P3 protects against:

- Gases and vapours from organic compounds with a boiling point above 65^oC.
- Inorganic gases and vapours e.g. chlorine, hydrogen sulphide, hydrogen cyanide.
- Acid gases and vapours, e.g. sulphur dioxide.
- Ammonia and organic ammonia derivatives.
- Solid and liquid toxic particles.

TECHNICAL PERFORMANCE

Product exceeds the minimum specification requirements listed below.

Test reports from Protechnik (SANAS accredited laboratory) are available on request.

Feature	EN 14387 & 143 requirement
Weight	Max 500g with full face mask
Breathing resistance	
30 l/min	2.6 mbar 260 Pa (max)
95 l/min	9.8 mbar 980 Pa (max)
Particle filtration	
Sodium Chloride NaCl penetration	0.05% (max)
Paraffin Oil penetration	0.05% (max)
Gas capacity at 30 l/min and 21°C and 70% humidity	
Cyclohexane C ₆ H ₁₂ (0.5 vol. - %)	35 minutes (min)
Chlorine Cl ₂ (0.5 vol. - %)	20 minutes (min)
Hydrogen Sulphide H ₂ S (0.5 vol. - %)	40 minutes (min)
Hydrogen Cyanide	25 minutes (min)
Sulphur Dioxide SO ₂ (0.5 vol. - %)	20 minutes (min)
Ammonia NH ₃ (0.1 vol. - %)	50 minutes (min)

Directors: Lt Gen (ret) MM Motau; Mr JS Mkwanzazi (Acting CEO); Dr RR Mjijima; Dr PP Dyantyi; Dr (Col) JL Job; Mr EL Borole; Ms R Mokoena; Mr LW Mosiako; Mr SA Msibi; Mr JG Grobler (Chief Financial Officer)

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