

TECHNICAL DATASHEET

PRO 2000 CF22 A2B2P3 COMBINED FILTER

Description

Part Number	5542674
Shelf Life	5 years factory sealed
Package	20
Storage Conditions	-10 °C to + 50 °C, <75% RH (factory sealed)
Diameter	110mm
Height	95mm
Weight	290g
Connection	40 mm thread
Body Material	Polypropylene, reinforced



Approval

EN 14387, EN 12941, & EN 12942

Pro 2000 CF22 A2B2P3 Combined Filter protects against:

A	A = Gases and vapours from organic compounds with a boiling point above 65°C
B	B = Inorganic gases and vapours, e.g. chlorine, hydrogen sulphide, hydrogen cyanide
P3	P3 = Solid and liquid particles, toxic and radioactive particles, micro-organisms (e.g. bacteria and viruses) and enzymes
R	R = Reusable
D	D = Dolomite, continued performance after test clogging

Technical Data

PRO 2000 CF22 A2B2P3		EN 14387 Requirements
BREATHING RESISTANCE		
30 l/m	1.3 mbar	Max 2.6 mbar
95 l/m	4.6 mbar	Max 9.8 mbar
GAS FILTER CAPACITY WITH TEST GAS @ 30 l/m		
Cyclohexane C ₆ H ₁₂ (0.5 vol.-%)	>47 min	Min 35 min
Chlorine Cl ₂ (0.5 vol.-%)	>22 min	Min 20 min
Hydrogen sulphide H ₂ S (0.5 vol.-%)	>48 min	Min 40 min
Hydrogen cyanide HCN (0.5 vol.-%)	>30 min	Min 25 min
PARTICLE FILTER EFFICIENCY @ 95 l/m		
Sodium chloride NaCl (S)	0.003%	Max 0.05%
Paraffin oil (L)	0.016%	Max 0.05%
		EN 12941/ 12942 Requirements
GAS FILTER CAPACITY WITH TEST GAS @ 70 l/m		
Cyclohexane C ₆ H ₁₂ (0.05 vol.-%)	111 min	Min 70 min
Chlorine Cl ₂ (0.05 vol.-%)	>56 min	Min 20 min
Hydrogen sulphide H ₂ S (0.05 vol.-%)	>120 min	Min 40 min
Hydrogen cyanide HCN (0.05 vol.-%)	56 min	Min 25 min

Note - Tested filter penetration and breakthrough time is for the specific chemical cartridge when tested under controlled laboratory conditions. Tested cartridges are selected at random to represent this cartridge for regulatory and performance testing. Therefore the data provided above is representative and does not necessarily reflect or guarantee actual performance. The times provided apply only to Scott Safety cartridges and canisters at the specified conditions. Filter penetration and breakthrough time under actual use conditions may differ based upon the encountered contaminant and environmental conditions.