

PRO2000 CBRN CFR32 A2B2E2K2-P3 R Filter

DESCRIPTION

Code	Packing	Standards	Certificate	Date
5543699	20 pcs	EN 14387:2004 & EN 143:2000	CE 0121 BGIA 200423036/2120	25-11-2013


Combined filter CFR32 A2B2E2K2-P3 CBRN protects against

Gases and vapours from organic compounds with a boiling point above 65°C Inorganic gases and vapours, e.g. Chlorine, Hydrogen Sulphide and Hydrogen Cyanide. Acid gases and vapours, e.g. Sulphur Dioxide Ammonia and organic ammonia derivatives Other gases and vapours: Phosphine, Formaldehyde, CN, CS, Cyanogen Chloride and Chloropicrin. Solid and liquid toxic and radioactive particulates and micro-organisms, e.g. bacteria and viruses

R' = Reusable after particle exposure EN 143:2000/A1:2006.

P/N 5543699 – Filter meets the NIOSH Cap1 criteria.

TECHNICAL PERFORMANCE

Test results. Test reports [BGIA test report Nr: 200423036/2120]

(Average values, full test reports available from Scott customer service)

Feature		CFR32 CBRN A2B2E2K2-P3 R	EN14387 Requirement	
Weight:		387g	500g	
Breathing Resistance				
@ 30 lpm		1.6 mbar	Max 2.2 mbar	
@ 95 lpm		5.6 mbar	Max 8.2 mbar	
Challenge Agent	Test Concentration	Flow Rate	Minimum Time Required to Breakthrough (minutes)	Protection Time (minutes)
Ammonia	0.5%	30 lpm 30 lpm 30 lpm 30 lpm 30 lpm 30 lpm	40	>48
Chlorine	0.5%		20	>69
Cyclohexane	0.5%		35	59
Hydrogen Cyanide	0.5%		25	>46
Hydrogen Sulphide	0.5%		40	>120
Sulphur Dioxide	0.5%		20	>35
Phosphine (PH ₃)		30 lpm	N/A	>30
Formaldehyde (HCHO)		30 lpm	N/A	>107
CS (Tear gas)		30 lpm	N/A	>480
CN (Tear gas)		30 lpm	N/A	>480
Cyanogen Chloride (CK)		30 lpm	N/A	77
Chloropicrin		30 lpm	N/A	140

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Feature	CFR 32 CBRN A2B2E2K2-P3 R	EN143 Requirement
Particle filter penetration @ 95 l/min (EN143):		
Sodium Chloride (NaCl)	0.002%	0.05 %
Parafin oil (L)	0.003%	0.05 %

General Specification	CFR 32 CBRN A2B2E2K2-P3 R
Dimensions:	
Height	80 mm
Diameter	110 mm
Volume	350 ml
Thread connector	40 mm NATO STANAG 4155 (EN148-1)
Other data:	
Casing material	Polyamide, reinforced
Storage time	10 years (factory sealed in aluminium foil bag)
Temperature / storage	-10 ... +50 °C (factory sealed)

See limitations of use Scott Safety instructions of use for Pro2000 filters.

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