

TECHNICAL DATASHEET

PRO2000 GAS FILTER GF32 A2B2E2K2




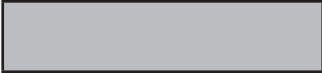


DESCRIPTION

The Scott Safety Pro2000 filters are suitable for use with the Scott Safety Promask Single Filter and M98 Full Face Respirators.

Scott Safety Pro2000 filters have a 40mm thread connection.

PROTECTION

Pro2000 Gas Filter GF32 A2B2E2K2 protects against:

| COLOUR CODE | PROTECTS AGAINST |
|---|---|
|  | A Gases & vapours from organic compounds with a boiling point above 65°C |
|  | B Inorganic gases & vapours, eg. chlorine, hydrogen sulphide, hydrogen cyanide |
|  | E Acid gases & vapours, eg. sulphur dioxide |
|  | K Ammonia & organic ammonia derivatives |

Test gas concentration: Negative pressure respirators: Gas Filter Class 2: 0.5 vol.-% (5000 ppm).

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TECHNICAL SPECIFICATIONS

| FEATURE | CF32 A2B2E2K2 | AS/NZS 1716 REQUIREMENT |
|--|-------------------------------|------------------------------------|
| Weight | 322g | max 500g with full face respirator |
| Breathing Resistance | | |
| 30 l/min | 1.3 mbar | 2.6 mbar |
| 95 l/min | 4.5 mbar | 9.8 mbar |
| Gas filter capacity with test gas @ 30 l/min (with negative pressure respirators) | | |
| Cyclohexane C ₆ H ₁₂ (0.5 vol-%) | 57min | minimum 35 min |
| Chlorine Cl ₂ (0.5 vol-%) | 71min | minimum 20 min |
| Hydrogen Sulphide H ₂ S (0.5 vol-%) | >120 min | minimum 40 min |
| Hydrogen Cyanide HCN (0.5 vol-%) | 73min | minimum 25 min |
| Sulphur Dioxide SO ₂ (0.5 vol-%) | 22min | minimum 20 min |
| Ammonia NH ₃ (0.5 vol-%) | 52min | minimum 40 min |
| Dimensions | | |
| Height | 105mm | |
| Diameter | 110mm | |
| Volume | 320ml | |
| Thread | 40mm | |
| Other data | | |
| Casing material | Polypropylene, reinforced | |
| Storage time | 5 years (factory sealed) | |
| Storage temperature | -10... +50°C (factory sealed) | |
| <i>See limitations of use Scott Safety instructions of use for Pro2000 filters</i> | | |

APPROVAL INFORMATION

Certified to AS/NZS 1716:2012

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ORDERING INFORMATION

| PART NUMBER | DESCRIPTION |
|-------------|------------------------------|
| 042979 | Pro2000 GF32 A2B2E2K2 Filter |

STORAGE

Storage and maintenance of a filter: The filters are sealed in plastic bags by the manufacturer. Store the filters unopened in a clean place at even temperature, most appropriate at 0...+30°C and relative humidity below 75%. Sealed filters tolerate also conditions of -10...+50°C and below 95% RH. The storage period (month and year) for filters is marked on the filter tape. Do not try to regenerate the filters. Never clean the filters with compressed air or compressed water.

After use, the filters are special refuse. Make sure that they are disposed of according to the filtered substance (gases or particles) in accordance with current waste treatment regulations.

DISPOSAL

If the product is to be disposed of, it should be dismantled from the respirator and disposed of as solid waste. Please see local authority regulations for disposal advice and locations.