



PRODUCT NUMBER: 1783000  
**Aluminium Filter 300**  
**A2B2E2K1P3**

**Honeywell**

## Overview

### Reference Number

1783000

### Product Type

Respiratory Protection

### Range

Reusable APR

### Brand

Honeywell

### Brand formerly known as

SPERIAN

### Industry

- Industry

### Product Use

**The A2B2E2K1P3 filter** is used for protection against types A, B, E and K toxic gases according to the EN 141:2000 standard (i.e. organic and inorganic gases and vapours, acidic vapours and gases, sulphur dioxide and amine organic by-products as well as dust and toxic particulates and solid or liquid aerosols according to the EN 143 class 3 standard): high filter efficiency (99.95%).

The Sperian full-face mask and A2B2E2K1P3 filter set must only be used when the toxic concentration meets the standards for the use of a mask, i.e. when it is below 2000 x TLV.

(TLV= TWA for 8 hours of work or STEL for 15 minutes of work )

(cf. INRS document ed. 780 "Respiratory protection devices").

**They can only be used in sufficiently ventilated premises where the atmosphere contains a minimum oxygen volume of 17 %.**

### CHARACTERISTICS:

- Type 300 cc
- Lightweight and resistant plastic housing
- 107 mm in diameter
- RD 40 threaded connection to the Sperian full-face mask, ensuring a reliable connection and an excellent seal
- Activated and impregnated coconut carbon
- Very high absorption capacity.

### GASES TESTED :

- Carbon tetrachloride CCl<sub>4</sub>
- Chlorine Cl<sub>2</sub>
- Hydrogen sulphide H<sub>2</sub>S
- Hydrocyanic acid HCN
- Sulphur dioxide SO<sub>2</sub>
- Ammonia NH<sub>3</sub>
- The concentration by volume of the test gas is 0.5% except for NH<sub>3</sub> where it is 0.1%
- The tested air flow is 30 litres per minute
- Minimum duration required before "breakthrough"

CCl<sub>4</sub> 40 min.

Cl<sub>2</sub> 20 min.

H<sub>2</sub>S 40 min.

HCN 25 min.

SO<sub>2</sub> 20 min.

NH<sub>3</sub> 50 min.

- Aerosols tested :

\* Paraffin oil for liquid particulates

\* Sodium chloride for solid particulates

- The tested air flow is 95 litres per minute

- The aerosol penetration for the test must be less than:

\*0.05% for sodium chloride

\*0.05% for paraffin oil

- Breathing resistance less than:

2.6 mbar at 30l/min

9.8 mbar at 95l/min

**PACKAGING :**

Packaged in individual cardboard boxes.

In case of a claim on this product, please indicate the lot number shown on the label

## Features & Benefits

### Feature

Aluminium casing

### Benefit

- Less of an impact from external shocks - Memory of shocks – physical ‘tell-tale’

### Feature

Coconut based carbon

### Benefit

Optimal period of use

### Feature

P3 filter

### Benefit

Constant optimal filtration

### Feature

Filter structure

### Benefit

Lower breathing resistance – less user fatigue

### Feature

Service life

### Benefit

Product offering quality and the possibility of safe storage between periods of use

### Feature

Tightness test

### Benefit

Wearer safety

### Feature

Packaging

### Benefit

- Safe - Easy storage

## Certifications

### EC Category PPE

3

### Quality Assurance

ISO 9001 / 2000

### EC Certificate Number

7727 A/12/48/ PSA

### EC Attestation

EC Attestation

### EC Attestation Number

7727 A/12/48/ PSA

### Certifications

- EN 14387
- EN 12941

### Additional Certification Link

Filters certificate for PAPR use

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Filters certificate for PAPR use

## Photos & Images

PIC SKU - Pictures

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