



MaxiGuard ABEK Gas & P2 Filter Combo

PRODUCT DATA SHEET ITEM CODE: R703-ABEK1P2

Product Overview

- **Materials:** Plastic Polypropylene, no metal parts, ABS, Active carbon, Non woven
- **Protection:** Class P2
- **Connector:** Bayonet
- **Suitable For:** R7500 MaxiGuard Silicone Half Mask, R680 & R690 MaxiGuard Silicone Full-Face Mask
- **Country of origin:** China
- **Filter Expiry:** 5 years from the date of manufacturer



Applications

Common Hazards: For protection when working with a variety of chemicals such as organic vapours, chlorine, hydrogen chloride, sulphur dioxide, hydrogen sulphide, ammonia, methylamine, and formaldehyde.

Standards and Certification

Australian Standard
AS/NZS 1716:2012
Lic. SMK40344

Storage

Filters should be stored in a dry place, away from contaminants. Avoid levels of high humidity, >70%. Do not expose the product to direct sunlight or heat, >50°C. After use, place filters back in their packaging or a hermetic bag. Do not store the filters in the hermetic bag or container.

Packaging

Pack Qty: 1
Carton Qty: 20

Contaminants						
0.0001-0.001µm	0.001-0.01µm	0.01-0.1µm	0.1-1.0µm	1.0-10µm	10-100µm	100-1000µm
		Atmospheric dust				
		Welding fume			Industrial dust	
				Cutting fumes/dust		
				Glass fibres		
				Asbestos		
				Textile dust		
Molecule				Bacteria		Pollen
			Viruses			Cement dust
			Tobacco smoke			Coal dust
				Oil mist	Soot	

Different classes for particle filters

P1

Class P1 – Intended for use against mechanically generated particulates of sizes most commonly encountered in industry.

P2

Class P2 – Intended for use against both mechanically and thermally generated particulates.

P3

Class P3 – Intended for use against all particulates including highly toxic materials. Can only be achieved with a full-face respirator or PAPR system.

How long does the filter last?

The service life of a filter depends on its size (active surface of particle filter media and/or volume of charcoal), conditions of use and following factors:

- Type, characteristics, and concentration of the contaminants
- Breathing volume and work rate
- Air humidity
- Temperature

The minimum breakthrough times given are intended only for laboratory tests under standardized conditions. They do not give an indication of the possible service time of the filter in practical use. Possible service times can differ from the breakthrough times determined according to this document in both directions, positive and negative depending on the conditions of use.

The end of service life can be recognized by

Particle filter – Increased breathing resistance of the filter. Drop of the air flow, or triggering the “low airflow” alarm when used in combination with PAPR.

Gas filters – A noticeable taste or smell of the contaminant.

Combined filters – A noticeable taste or smell of the contaminant and/or increased breathing resistance of the filter. A noticeable taste or smell of the contaminant and/or drop of the air flow, or triggering the “low airflow” alarm when used in combination with PAPR.

Does not apply when the contaminant does have low warning properties.

Click [here](#) to access our filter selection guide.