



# P2 Moulded Respirator with Valve

## PRODUCT DATA SHEET

ITEM CODE: RES504

### Product Overview

- **Filtration Efficiency:** Class P2
- **Fit Testing Required:** Yes
- **Materials:** Polyester, Polypropylene spun bond, HD Elastic Strap, PVC foam, PP Plastic
- **Metal Free:** Yes
- **Valve:** Yes
- **Country of Origin:** China
- **Expiry:** 3 years from date of manufacture



### Applications

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| <ul style="list-style-type: none"><li>• Soldering</li><li>• Welding and Grinding</li></ul> | <ul style="list-style-type: none"><li>• Sanding and Dusty Environments</li><li>• Medical and Chemical Environments</li></ul> |
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### Storage

Ensure product is stored in a clean, dry environment.

### Packaging

**Box:** 10 masks

**Carton:** 120 masks

### Warnings:

- Facial hair can potentially compromise the seal of the respirator
- Ensure adequate oxygen levels are present
- Ensure the respirator is suitable for the application and all the contamination is known and adequately met
- Replace when taste, smell or the breathing resistance is high

### Standards and Certification



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



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



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



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

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

## 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 not have low warning properties.