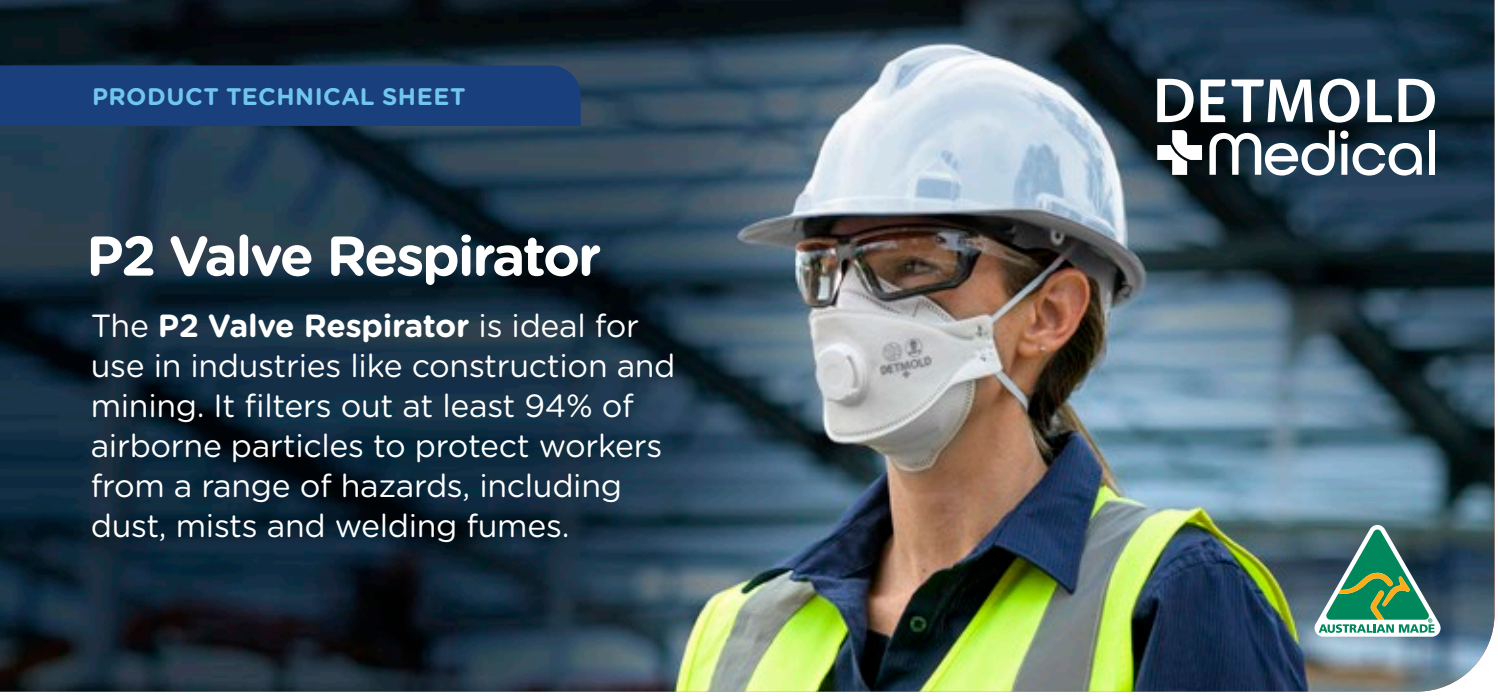
PRODUCT TECHNICAL SHEET

DETMOLD Medical

P2 Valve Respirator

The **P2 Valve Respirator** is ideal for use in industries like construction and mining. It filters out at least 94% of airborne particles to protect workers from a range of hazards, including dust, mists and welding fumes.



Protection meets comfort

P2 Filtration Efficiency

Filters out fine particles, dust, and aerosols

Exhalation Valve

Reduces heat and moisture build-up for all-day comfort

Ergonomic Fit

Soft nose bridge and straps provide a reliable and secure facial seal that delivers high portacount fit-test results

Lightweight Design

Ideal for extended wear in demanding environments

AS/NZS 1716:2012 Certified

Meets Australian safety standards

Exhalation Valve

The exhalation valve improves worker comfort by quickly expelling exhaled air, making breathing easier and more comfortable in all workplaces.

- → Increased worker comfort
- → Increased wear time
- → Increased worker safety

P2 VALVE PARTICULATE RESPIRATOR PERFORMANCE REQUIREMENTS				
Characteristics	AS/NZS 1716:2012	Quality	Pressure (Pascals)	Volume
Medical Device Certified System		ISO 13485		
Particulate Filtration Efficiency (PFE)	Class P2 (>94%)			
Inhalation Resistance			<240 Pa	
Exhalation Resistance			<120 Pa	
Exhalation Valve				<30mL/min

Note: These performance requirements are measured on unworn respirators. The respirator may not meet these performance requirements during wear due to individual fit characteristics. Please consult your fit testing procedure. This product is designed for use in the industrial sector.

PRODUCT TECHNICAL SHEET

P2 Valve Respirator

AUSTRALIAN MADE

Product Details

Item No.	Description	Size	Qty Per Box	Qty Per Carton	Shipper Weight	Shipper dimensions
W037M	P2 Valve Respirator with Head Bands	One Size	20	240	5.2kg	374 x 704 x 238mm

Instructions for Use

Applying the Respirator | **Prior to donning and after doffing, always practice good hand hygiene.**
Note both P2 Valve Tri-Panel and the non-valved Tri-Panel Respirator are used in the same way.

There should be no gaps between the face and respirator, providing an adequate seal^.
Once the respirator is applied it should not be touched or reapplied. **Please discard safely after use.**

1. Holding the mask with the bands facing toward you, move the bottom band below the bottom flap and the top band behind the top nosepiece flap.
2. Using two hands, open the mask to create a cup shape and use your thumb to gently curve the nose wire, ensuring the bottom panel is unfolded and open. Cup mask in one hand, hold bottom panel tab in the other and place respirator on your face with bottom panel securely under your chin.

3. Pull top band over your head positioning it high on the crown. Then pull the bottom band over your head and position in the nape of neck below ears. Adjust bands, ensuring not twisted or obstructed between band and face.
4. Adjust mask for a comfortable fit by adjusting the top panel to sit high on the bridge of the nose and the bottom panel securely under the chin.

5. Using both hands, gently push down and inward from the centre of the mask, moulding the wire around the nose to ensure a close fit and good seal. Note: always use two hands when moulding the nose wire to avoid peaking in the wire which may result in an improper fit and effective performance.
6. Look left to right, then up and down. Ensure no movement of the mask at the nose wire.

7. Cover the front of the respirator with both hands, being careful not to move mask. Inhale and exhale deeply, checking for escape of air. Note: Any movement or escape of air indicates inadequate fit and the mask should be repositioned and refitted.
8. Repeat step 5. There should be no gaps between the face and mask, providing an adequate seal. Please follow your relevant fit check test procedure. Once the mask is applied it should not be touched or reapplied.

Removing the Mask

1. To remove the Respirator safely, lean forward as you pull mask slowly away from the face without touching the filter material. Keep tension on bands to maintain control and ensure mask does not flick back onto the face in the process.
2. Discard mask responsibly.

Testing Standards

Detmold operate to Quality Management System ISO: 13845. The Class P2 Particulate Respirator is designed and tested to meet AS/NZS 1716:2012. Raw Materials and Finished Goods are tested routinely in Detmold Medical's validated state-of-the-art laboratory.

All Detmold Medical Respirators are designed to meet Australian conditions, comply with International specifications, and achieve high performance for filtration of sub-micron particles exceeding the 94% and 95% requirements of the AS, NIOSH, and ISO standards, whilst maintaining a benchmark **low resistance** for breathing.

Differential Pressure is the breathability and comfort indicator, which is measured whilst the respirator is worn by determining the difference of pressure across the mask under specific conditions of airflow, temperature, and humidity.

Storage Recommendations

Store respirator in the original packaging, away from contaminated areas, dust, sunlight, extreme temperatures, excessive moisture, and damaging chemicals. Storage temperature -20°C to +30°C at <80% relative humidity. When stored in accordance with recommendations, the product is designed for use within 5 years from date of manufacture.

Caution: The respirator is designed for occupational use by healthcare professionals who are properly trained in respirator use and limitations. Misuse may result in sickness or death. DO NOT use in any manner not indicated in the Instructions for Use. Always read the label. Discard the respirator if it becomes damp, soiled, damaged, or difficult to breathe through. Do not use if the packaging is damaged.

Contact Detmold Medical to place an order today

connect@detmoldmedical.com
1800 338 633
detmoldmedical.com