

RWRX353

P2 Medical

FLAT FOLD RESPIRATOR

DESIGNED
TO PROTECT



Features

- ▲ AS/NZS 4381:2015 certified protection
- ▲ AS/NZS 1716:2012 certified protection
- ▲ Fluid protection - Level 3 160 mmHg
- ▲ Particulate protection - aerosol-generating procedures (AGPs) $\geq 0.3\mu\text{m}$
- ▲ P2 protection for mechanically and thermally generated dusts, mists, fumes and particles
- ▲ Flat fold design for a comfortable ergonomic fit
- ▲ Individually packed for convenient transport and storage
- ▲ Dual latex free straps
- ▲ Adjustable nose bridge to personalise fit with foam seal for extra comfort
- ▲ Vending machine ready
- ▲ TGA Approved - 393925

Standards & Certification

Force360 recognise that without product certification by a Notified Body all product performance testing, and adherence to standards claims cannot be independently verified. If they are not as claimed, serious safety implications for the wearer, and legal implications for the supplier and the employer may arise.

Force360 source their range of flat fold respirators from a single manufacturing partner to ensure consistency and reliability of product, but most importantly Force360 have taken the further step of engaging a globally recognised Notified Body to audit and certify both the manufacturing process and the products.

All of Force360's respiratory protection is certified to the latest AS/NZS respiratory protection standards.



Australian Standard
AS 4381:2015
SMK41263



Australian Standard
AS/NZS 1716:2012
SMK41204

Specifications

Part No.	RWRX353
Protection	P2 Medical
Usage	Disposable

Packaging

-  20 Respirators
-  20 Boxes

RWRX353

AS/NZS 1716:2012

Particulate filters capture particulates in the air such as dusts, mists and fumes. They do not protect the user against gases or vapors. Particulate filters are classified into three groups, relative to the particulate size filtration capacity and toxicity of the particulate.

Class P1 Filters P1 filters protect against mechanically generated particles. P1 filters are available as the powered type, replaceable filter type and disposable type.

Class P2 Filters P2 filters protect against mechanically or thermally generated particles (or both). P2 filters are available as the powered type, replaceable filter type and disposable type.

Class P3 Filters P3 filters are to protect against highly toxic or irritant particles. P3 filters are available as the powered type and replaceable filter type.
To achieve P3 filter classification a full-face piece is required (for non-powered air), or a head covering or full face piece for a Powered Air Purifying Respirator (PAPR).
Note: When a P3 filter is used in conjunction with a half face piece, the protection level is equivalent to a P2 filter.

Disposable respirators / dust masks are particulate filters, usually P1 or P2. They cover the mouth and nose and protect the wearer against airborne contaminants including dust, mists, liquids and some fumes, but not gases or vapors.

Dust masks are not suitable where:

- Contaminant concentrations are dangerous to life or health, unknown or exceed the relevant exposure standard
- Toxic gases or vapours are present
- A satisfactory fit of the mask is not obtained due to facial hair or other characteristics that prevent a good seal between the edge of the mask and the wearer's face
- If the atmosphere is deficient in oxygen, a confined space or poorly ventilated area
- If there is a smell or taste of a contaminant and/or if persons in the area experience nose and/or throat irritation – some dust masks do have an active carbon layer added to reduce nuisance levels of organic vapours that can create unpleasant smells

Class	Efficiency	Penetration	Application
P1	80% (Particles to 1µm micron = 0.001mm size)	Not more than 20%	Dust
P2	94% (Particles to 0.3µm micron = 0.0003mm size)	Not more than 6%	Toxic dusts, including welding fumes and asbestos
P3	99.95% (Particles to <0.3µm micron = less than 0.0003mm size)	Not more than 0.05%	Toxic dusts including asbestos, welding fumes (Only achieved with PAPR or Full Face)

AS 4381:2015

This Standard sets out requirements for single-use face masks which are used in health care where it is necessary to keep cross contamination between the health care worker and the patient to a minimum. The masks are intended for use in surgical, medical and dental procedures. They form part of the personal protective equipment (PPE) used to minimize mucous membrane exposure to infectious microbial droplets.

Note: For respiratory protection from airborne infectious agents, e.g. tuberculosis (TB) and surgical plume, refer to AS/NZS 1715.

Level 1 Level 1 barrier medical face mask materials are evaluated for resistance to penetration by synthetic blood at the minimum velocity specified in the table below, bacterial filtration efficiency and differential pressure.

Applications: For general purpose medical procedures, where the wearer is not at risk of blood or bodily fluid splash or to protect staff and/or the patient from droplet exposure to microorganisms (e.g. patient with upper respiratory tract infection visits GP)

Level 2 Level 2 barrier medical face mask materials are evaluated for resistance to penetration by synthetic blood at the middle velocity specified in the table below, bacterial filtration efficiency and differential pressure.

Applications: For use in emergency departments, dentistry, changing dressings on small or healing wounds where minimal blood droplet exposure may possibly occur (e.g. endoscopy procedures)

Level 3 Level 3 barrier medical face mask materials are evaluated for resistance to penetration by synthetic blood at the maximum velocity specified in the table below, bacterial filtration efficiency and differential pressure.

Applications: For all surgical procedures, major trauma first aid or in any area where the health care worker is at risk of blood or bodily fluid splash (e.g. orthopaedic, cardiovascular procedures)

AS 4381:2015 Single Use Face Masks

Characteristics	Level 1	Level 2	Level 3	Test Method
Bacterial Filtration Efficiency (BFE) %	≥95%	≥98%	≥98%	ASTM F2101-14 or EN 14683:2014
Particulate Filtration Efficiency (PFE) % (0.1 µm)	Not Required	Not Required	Not Required	N/A
Differential Pressure (Delta P) mm H ₂ O/cm ²	<4.0	<5.0	<5.0	EN 14683:2014
Resistance to penetration by synthetic blood (fluid resistance) min pressure in mm Hg for pass result	80mm Hg	120mm Hg	160mm Hg	ASTM F1862 / F1862M-13 or ISO 22609

Plus: Requires Instructions For Use, "The masks should be packed such that each mask can be removed without becoming entangled in another"