

RWRX240



Surgical Mask

TYPE II R



Features

- ▲ 175 x 95mm non-sterile surgical mask
- ▲ Triple layer construction offers >98% Bacterial Filtration Efficiency and liquid splash protection
- ▲ Low breathing resistance for maximum comfort and prolonged wear
- ▲ Adjustable nose bridge for personalised fit

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 disposable surgical masks 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.



Specifications

Part No.	RWRX240
Protection	Type II R
Usage	Disposable
Shelf-Life	Three years
Sterility	Non-sterile

Packaging

- 50 Masks
- 40 Boxes

TGA Listing Number - 340305

This product is listed as a Class 1 Single Use Medical Device

Shelf Life

Three years from date of manufacture

RWRX240

Particulate Filters

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)

Uses*

- ▲ Class 1 single use medical device where a physical barrier from airborne particles and liquid splash is required for patient & health care professional protection
- ▲ General purpose use where a risk of pathogen contamination through coughing or sneezing exists. The physical barrier the mask provides maybe beneficial for use on public transport, at sporting events, shopping, attending public gatherings or where social distancing is not being observed or distancing maybe difficult.

*within the limits of Type II R performance standards

Performance Standards

EN 14683:2019+AC:2019 Type II R (ASTM 2100-19 Level 2)

- ▲ Clause 5.2.2 Bacterial Filtration Efficiency (BFE) > 98% protection from airborne bacteria
- ▲ Clause 5.2.3 Breathing Resistance < 49.0 Pa/cm² for maximum comfort and prolonged wear
- ▲ Clause 5.2.4 Splash Resistance >120mmHg to protect against liquid splash, such as blood or saliva that may contain pathogens

Triple Layer Construction

1 25gsm Non-woven Spunbond Polypropylene	2 25gsm Non-woven Meltblown Polypropylene	3 25gsm Non-woven Spunbond Polypropylene
Protection against liquid splashes	High Bacterial Filtration Efficiency	Low Breathing Resistance

