

17FFP2VACFLAT PSA SONIC MASK – FFP2 VALVE CARBON FLAT FOLD

PRODUCT INFORMATION



SONIC

APPROVALS & STANDARDS

- SAHPRA Approved
- SABS Approved
- NRCS
- Sodium chloride test passed/cleared
- Paraffin oil test passed/cleared
- SANS 50149:2003 NR
- ARMSCOR Tested

- **FLEXI-JUST HEAD HARNESS:** With the flexible head harness sitting below the ear and over the crown of your head, this makes for an easy and comfortable fit. It also allows for the mask to be adjusted to a perfect fit on the contour of all faces.
- **LAYERED:** Consists of 5 layers, active carbon, non-woven, high electrostatic charged filtering media to protect against solid and liquid non-volatile particles
- **REFINE-AIR:** We have taken steps to ensure the highest protection factors for our mask users. With our high-efficiency filter medium, we ensure the best lung protection, low breathing resistance, comfortable fit possible allowing performance under pressure.
- **INTERNAL NOSE CLIP:** We have fitted our FFP's with an enclosed nose clip, this prevents any accidents and ARCs in ZONE-0 environments
- **COOL-360° EXHALATION VALVE:** The exhalation valve has been fitted to optional FFP's for the ease of breathing/exhalation. The valve has proved to have a relieve of the heat build-up inside the mask while used. The downward facing valve also allows the exhaled breath to blow down and not into the face of the next person
- **NO LEAK GUARNTTEE:** With our ultrasonic seal there is no cut, burn, or glue. This means that there will be no leaking on any seam or fold

SONIC MASK FFP'S DISPOSABLE RESPIRATORS

The PSA Sonic Mask – FFP2 Flat Fold with active carbon is a disposable respiratory mask created for settings with moderate levels of fine dust and non-oil-based particles. It is frequently employed in industries like construction, welding, pharmaceuticals, and agriculture. Its main purpose is to protect the wearer from harmful particles by minimizing exposure. The mask includes a soft, cushioned lining for lasting comfort during work, a Flexi-Just Head Harness, an internal nose clip, soft edges, and nose foam to fit various face shapes.

MATERIALS

Head Strap	Woven textile with rubber elastic inner
Nose Clip	Aluminium enclosed within FFP2
Exhalation Valve Body	Polypropylene
Exhalation Valve Disc	Rubber

APPLICATIONS

- Intended to be worn by operating room personnel during surgical procedures to help protect both the surgical patient and the operating room personnel from transfer of micro-organisms, body fluids, and particulate material
- Intended for use in industrial environments always follow the user instructions and use in manners as indicated

DO NOT USE FOR

- DO NOT use for gases or vapours (i.e. anesthetic gases such as isoflurane or vapours from sterilant such as glutaraldehyde)
- DO NOT use in any manner not indicated in the user instructions

STORAGE & TRANSPORTATION

Shelf life of the unopened product is three years from the date of manufacture when stored within the temperature range of 20°C to 30°C and at less than 80% relative humidity. End of shelf-life date is marked on the product packaging. Before initial use, always check that the product is within the stated shelf life. When storing or transporting this product use original packaging provided.

AREAS OF APPLICATION

ACTIVITY	HARMFUL SUSTANCES	PROTECTION CLASS
Soft Wood: cutting & sanding	Fine particles, wood dust	FFP2
Paint: brushing & sanding	Fine colour particles	FFP2
Cement: working, plastering, tiling, roofing	Cement/plaster/tile/brick dust	FFP2
Masonry: cutting, drilling, demolition	Cement/plaster/tile/brick dust	FFP2
Roof insulation: glass/mineral fibers	Dust & fibers	FFP2
Body fillers/stopper: grinding	Dust	FFP2
Welding: aluminium & stainless steel	Metal/oxide fumes	FFP2
Brazing	Fumes	FFP2
High-alloy steels: drilling, grinding, milling, angle grinding	Metal dust	FFP2
Stainless steel: drilling, grinding, milling, angle grinding	Metal dust	FFP2
Refuse: separation and disposal	Dust/fungi	FFP2
Allergies, pollen, Household dust, animal fur	Dust/particles/spores	FFP2

FITTING INSTRUCTIONS

Must be followed each time the respirator is worn. Before fitting device, ensure hands are clean. All respirator components should be inspected for damage prior to each use.

INSTRUCTIONS

1. With reverse side up and using the tab, separate top and bottom panels to form a cup shape. Bend slightly at centre of the nose clip.
2. Ensure both panels are fully unfolded.
3. Cup respirator in one hand with open side towards face. Take both straps in other hand. Hold respirator under chin, with nose piece up, and pull straps overhead.
4. Locate the upper strap across the crown of the head and the lower strap below the ears. Straps must not be twisted. Adjust top and bottom panels for comfortable fit, ensuring panels and chin tab are not folded in.
5. Using both hands, mould nose clip to the shape of the lower part of the nose to ensure a close fit and good seal. Pinching the nose clip using only one hand may result in less effective respirator performance - use two hands.
6. The seal of the respirator on the face should be fit checked before entering the workplace.

TECHNICAL PRODUCT INFORMATION

GENERAL DATA

DESIGNATION	FFP2 Particle Filtering Half Mask
INTENDED USE	Protection against solid and liquid non-volatile particles. Scope of protection is indicated by product documentation, technical standard, and installed application rules.
STANDARDS	EN149:2001 + A1:2009 "Particle Filtering Half Mask"
APPROVAL	NRCS/8072/0250. Homologation of respiratory equipment, testing and approval by accredited and notified NRCS – National Regulator for Compulsory Specifications.

DESIGN

MATERIAL	Particle Filtering Material: Electrostatically Charged Melt blown Material+ 150gsm Activated Carbon Media Elastane Head strap: Woven Textile with rubber elastic inner Nose clip: Aluminium nose piece enclosed withing the FFP2 mask Nose Pad: Soft Sponge Exhalation valve: Polypropylene body, rubber disk
MODEL PRINCIPLE	SONIC ACTIVE CARBON FFP2 VALVE consists of 5 layers, non-woven, high electrostatic charged filtering media.
SHELF LIFE	Shelf life of the unopened product is three (3) years from date of manufacture when stored within temperature range of 20°C to 30°C and at less than 80% relative humidity.

PERFORMANCE

TEST AEROSOLS	Sodium chloride & Paraffin oil
BREATHING RESISTANCE	Inhalation tested at 30 and 95 litres/min Exhalation tested at 95 litres/min
PENETRATION OF FILTER MATERIAL	Passing sodium chloride and paraffin oil aerosols at 95 litres/min

PACKAGING

PACKING	Label: SONIC Active Carbon FFP2. Markings in accordance with EN 149:2001+ A1:2009 SANS 50149:2003, expiry date. Packaging contains safety instructions and instructions to use
UNITS/PACKAGE	20pcs per box