

 <b>ProtecFace®</b>	<b>Commercial Technical Sheet</b>		Date Rev: 9/21/2022
			code: RQ.02-02
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Reference: 504V(S)	Brand: ProtecFace / Atlas		CA: 43.741
ANVISA: XXX	Resp. Tec.: XXX		CRF: XXX
NCM: 3926.90.90	Cód. EAN: 7898994899211		
<b>Equipment:</b> AIR PURIFYING RESPIRATOR TYPE FILTERING PIECE PIECE FOR PARTICLES PFF1			
<b>Description:</b> Particles filtering half-face piece, foldable format, with exhalation valve, class PFF1 "S", suitable for dust and mist.			
<p><b>Characteristics:</b> Composed of 04 layers. The first (external) layer is made of non-woven fabric material, the second (intermediate) structural layer is made of a non-woven fabric that protects the filtering element, preventing its fibers from coming loose, the third layer is made of filtering material with electrostatic treatment, the (inner) layer is made of non-woven fabric material. It has a nasal clip (nose clip) in metallic material coated with white plastic material. Its elastic straps are attached to the respirator body without the use of metal clips; are adjustable to the dimensions of the user's face, through a piece of plastic material leaked in blue color. The respirator also has a blue exhalation valve located on the left side to facilitate exhalation by the user.</p>			
<b>dimensions:</b> <b>Unique size:</b> <b>Primary package:</b> 17,5 X 12 cm <b>Master Packing:</b> 50 X 39 X 32 cm <b>Peso:</b> 5 kg			
<b>Disponível nas Cores:</b> Azul na parte externa e branca na parte interna.			
<b>Performance:</b> Indicated for protection of the airways against fumes, dust and mists. This respirator falls into the PFF-1V (S) category and, therefore, must comply, among others, with the following requirements established in accordance with the ABNT/NBR 13698:2011 standard (Respiratory Protection Equipment - Filtering Half Mask for Particles ):			
Maximum particle penetration through the mechanical filter: 20% Maximum breathing resistance: - Inhalation (at 95 liters/min): 210 Pa - Exhalation (at 160 liters/min): 300 Pa			
<b>Approval:</b> INMETRO certified under No. 07690-02/2019 Rev 02 03/02/2022 in accordance with the requirements established by Ordinance No. 491, of December 10, 2021.			
(1) In addition to the tests mentioned in notes (2) and (3), others are required by the NBR 13698 standard, such as Flammability, exhalation valve traction, exhalation valve leakage, among others. Only after proof of efficiency in all requirements is the respirator considered approved and receives the INMETRO Certificate and Certificate of Approval (C.A).			
(2) Tests are carried out in the laboratory, in equipment using sodium chloride (NaCl) aerosol with a diameter between 0.3 and 0.6 microns and an air flow rate equal to 95 liters/min			

(3) Test carried out in the laboratory, in equipment with continuous air flow of 30, 95 and 160 liters/min.



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**Indication for use:** It is indicated for the protection of the airways against certain dusts and/or non-oily mists, which do not release toxic gases and/or vapors; textile fibers, refined cement (Portland®), iron ore, coal ore, washing powder, talc, lime, caustic soda, vegetable dust (such as wheat, rice, corn, sugarcane bagasse, etc.); sanding and grinding dust; sulfuric acid mists (with suitable protective goggles), among others and in concentrations not exceeding 5 (five) times the occupational exposure limit (LT or TLV) and below IPVS concentrations (Immediately Dangerous to Life and Health).

**Do not use:** For protection against asbestos (asbestos), silica and fumes.

### Lifespan:

- Dispose of respirator after no more than one work shift use, if applicable. (according to NBR 13698). A34

- Replace it when it is torn, saturated, or has a loose or broken elastic. Saturation varies depending on the concentration of contaminants, the user's respiratory rate, temperature and relative humidity of the environment, which must be evaluated by the person responsible for determining the use of PPE.

- VALIDITY: 03 years after the manufacturing date, printed on the product packaging.

### Limitation of use and warnings:

- Do not use this respirator for gases, organic vapors and with oxygen less than 19.5% (Immediately Dangerous to Life and Health).

- Do not use for dust and mist in concentrations above 10 times its tolerance limit and with an exposure limit of less than 0.05mg/m<sup>3</sup>.

- It should not be used by people with beards or deep scars on the user's face in the PFF sealing area.

- Immediately leave the contaminated area if you feel dizzy, nauseous or otherwise unwell.

- For use against solid aerosols and water-based liquids only.

### Instructions for use:

- Only trained and qualified people should use the respirator;

- The oxygen content of the breathable air must be at least 18%Vol;

- The respirator must not be used in environments without ventilation, pits and canalizations;

- The respirator must not be used in atmospheres:

Explosive, oxygen deficient or unknown conditions, and in situations of IDLH (Immediately Dangerous to Life and Health);

- This respirator must be discarded after the work shift;

- Maintenance-free respirator.

**After use, if possible, discard in appropriate infectious waste. Because it is about protection against biological risk.**

### How to use:

1. Open the respirator;
2. Hold the respirator in your hand, passing the elastic straps behind your hand.
3. Fit the respirator under the chin, passing the lower elastic below the ears and the upper elastic above them.
4. Use the metal shaper to adjust the respirator over the nose;
5. Adjust the elastic;
6. Press the respirator with both hands and exhale strongly. If there is an air leak, consult the technical area.



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### **Storage:**

Store the respirator in a place protected against physical and chemical agents such as: Vibration, shock, sunlight, heat, external cold, excessive humidity or aggressive chemical agents, until the expiration date, as long as it is in the sealed package.



**Elaboração/Revisão: Elissandra Batista**

**Aprovação: Luiz Fernando Baptista**