

atrasorb

CO₂ Absorbent

+ ATRASORB PHARMA

Atrasorb produces CO₂ absorbents that are used in the medical field in procedures that require inhalation anesthesia. After research and rigorous tests Atrasorb developed Atrasorb Pharma.

Atrasorb Pharma presents negligible powder dispersion and its semi-spherical pellets, when compressed in the canister, do not undergo preferential channel formation, thus allowing a homogeneous CO₂ absorption.

With the application of process, equipment and technology, Atrasorb Pharma has reached a high level of CO₂ absorption compared to the competition. This means money economy, due to its higher yield.

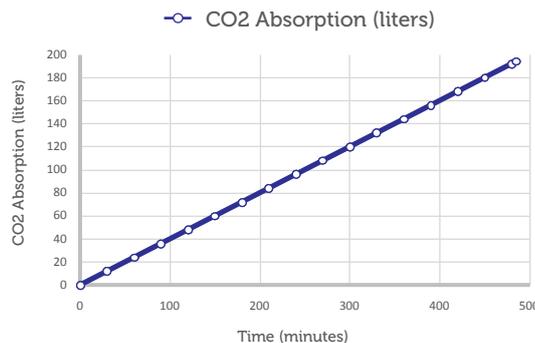
Another important characteristic is its proper humidity degree between 16 and 18%, which contributes to humidifying and warming the inhaled air during anesthesia procedures.



Packaging

Kg	Unity	code	Dimensions (LxWxH)
1	8	9022	90 x 90 x 241
4,3	2	9001	224 x 145 x 256
4,5	2	9002	224 x 145 x 256
5	2	9003	224 x 145 x 256
15	1	9004	333 x 240 x 376
18	1	9005	333 x 240 x 376
20	1	9006	333 x 240 x 376

Absorption



Test Conditions

Equipment:
Anesthesia device with servo controlled artificial breathing
Air circulation 10 liters per minute – (20 cycles x 500 ml)/minute
Carbon dioxide 400 ml per minute (4,0% air volume)
Sample 1,0 Kg

Description

Area: **MEDICAL +**

<p>Humidity</p> <p>17 ± 1,0%</p>	<p>Pellet</p> <p>Approximately 4,5 mm</p>
<p>Composition</p> <p>Lime, Sodium Hydroxide, Water and Ethyl Violet Indicator</p>	



Expiration date:
5 years after date of manufacturing

+ MEDICAL

Pioneering work and tradition on CO₂ absorbents for more than 25 years.

Atrasorb was created from a company specialized on the production of inhalation anesthesia equipment due to the need of a high level performance of CO₂ absorbents. In 1989 Atrasorb became the first national company in its segment and in a short period the leader in its field.

With a history of perseverance and dedication to work, the products were highly accepted, leading to a notable reliability over these 25 years.

Continuous technological development, management modernization and adequacy of the products to meet the new market demands make the company a reference in CO₂ absorption and ready to comply with the external and internal markets.

Atrasorb meets the highest standards of quality, safety, performance, technology and innovation demanded by the market.

Atrasorb operates in the medical, military, industrial and diving areas.

OTHER FOCUS AREA



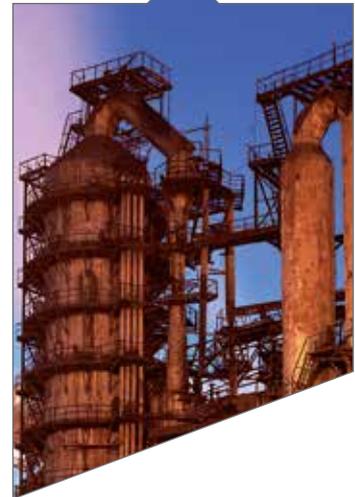
Diving



Military



Industrial



Certificates:



Contact:

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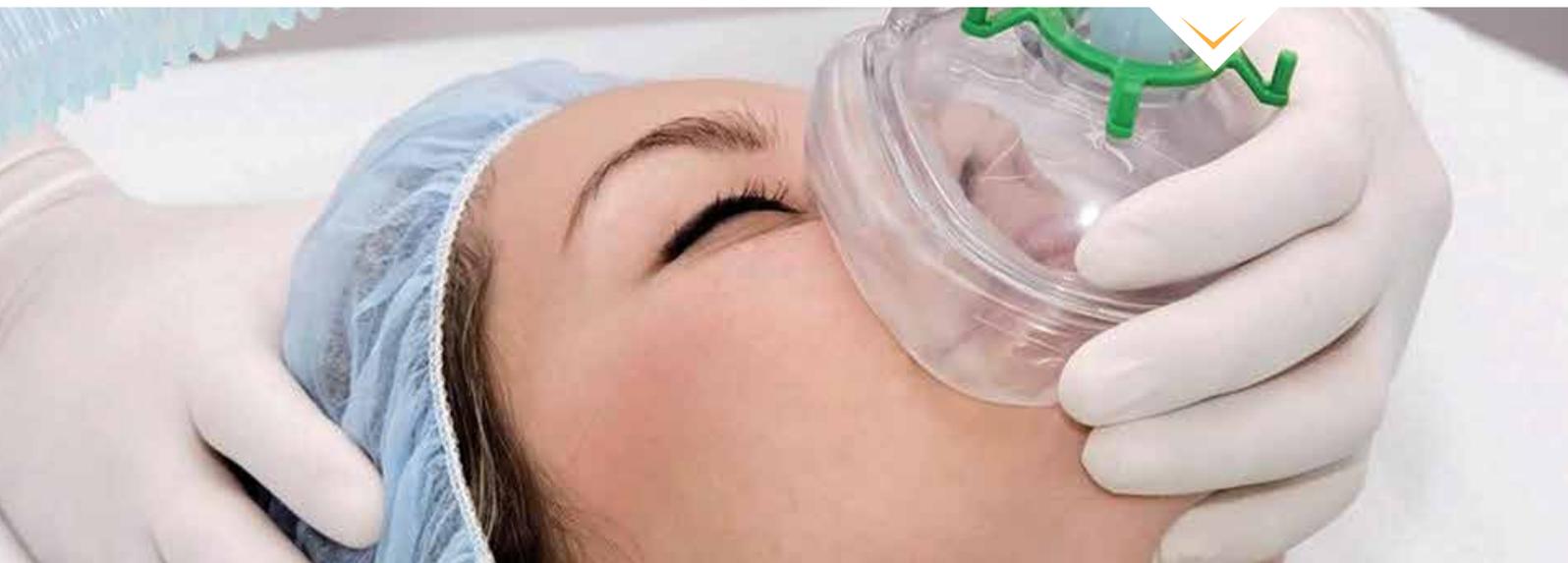
+ ATRASORB PHARMA FREE

Atrasorb produces CO₂ absorbents that are used in the medical field in procedures that require inhalation anesthesia. After years of research and rigorous lab tests, Atrasorb developed Atrasorb Pharma Free.

Atrasorb Pharma Free doesn't have sodium hydroxide and potassium hydroxide in its formula, which reduces the reaction with the Sevoflurane and the Desflurane, minimizing the formation of toxic substances like Compound A. Another important feature is the presence of ethyl violet to visually indicate product saturation.

In addition, Atrasorb Pharma Free has the proper humidity degree between 16 and 18%, which also contributes to reduce the formation of toxic substances.

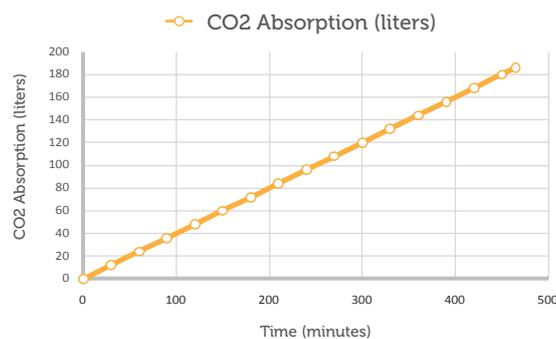
This product is recommended for patients that undergo frequent surgical procedures.



Packaging

Kg	Unity	code	Dimensions (LxWxH)
1	8	9007	90 x 90 x 241
4,3	2	9008	224 x 145 x 256
4,5	2	9009	224 x 145 x 256
15	1	9038	333 x 240 x 376
18	1	9011	333 x 240 x 376

Absorption



Test Conditions

Equipment:
Anesthesia device with servo controlled artificial breathing
Corrente de ar 10 liters per minute – (20 cycles x 500 ml)/minute
Carbon dioxide 400 ml per minute (4,0% air volume)
Sample 1,0 Kg

Description

Area: **MEDICAL +**

<p>Humidity</p> <p>17 ± 1,0%</p>	<p>Pellet</p> <p>Approximately 4,5 mm</p>
<p>Composição</p> <p>Lime, Sodium Silicate, Water and Ethyl Violet Indicator</p>	



Expiration date:
5 years after date of manufacturing

+ MEDICAL

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OTHER FOCUS AREA



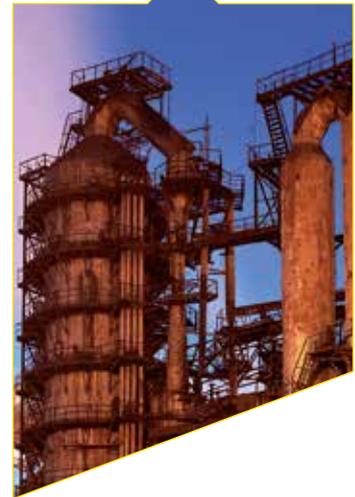
Diving



Military



Industrial



Certificates:



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