

Sinuset Nasal Filter



Medical Device

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SINUSET®

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Nasal Filters

SinuSet nasal filter has been designed and created with certified materials which eliminate the symptoms of seasonal allergies and flu, protect from industrial dust and smog and improve your immune system as well as sleep quality (sleep apnea remedy).

How nasal filter is made

The main part of SinuSet nasal filter is the innovative filtering material, specially created to trap and repel micro pollutants present in the atmosphere (nitric oxide, ozone, airborne organic compounds), pollens (from wild grasses and trees such as olive, beech, birch, hazel, cypress or from herbaceous plants like pellitory, wormwood, ragweed and plantain) and other common antigens (dust mites, or better, their airborne droppings; domestic animals, which hairs carry allergens contained in their saliva and urine; the inhaling of mould spores in damp environments), keeping them inside the fibrous structure preventing them from being released inside our body.



How to use it correctly

To apply SinuSet nasal filter simply insert the two material made ends in each nostril, paying attention to put in the narrower part on the frontal side of the nose. The connecting arch pushes both filters inside into position, to be removed after use.



MADE IN ITALY

Lem Srl is the italian company which reserves all rights of patent use, production and sale of SinuSet nasal filter in Europe and the countries where the trademark is registered.



PATENTED

SinuSet nasal filter is currently a registered trademark in the following countries: Italy – Australia – Austria – Brasil – Canada – France – Germany – United Kingdom – Ireland – Russian Federation – Spain – Switzerland – USA – South Korea – India – Taiwan – Japan.



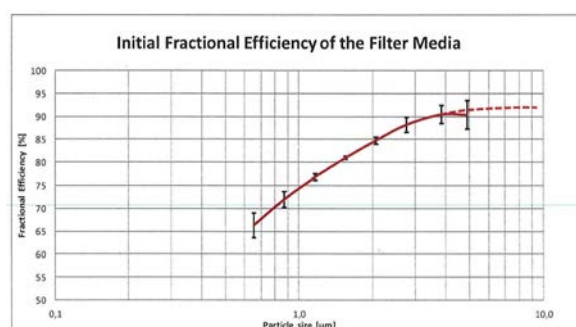
STERILIZATION

This is done throughout the production and packaging processes to guarantee cleaning and sanitizing on all our nasal filters.



DMT

TEST REPORT



Test data:
Relative Humidity: 53,3%
Temperature: 19,7°C
Ambient pressure: 1009 hPa
Air Flow: 304,1 m³/h

Filter flow rate: 90cm/s
Test dust: SAE A4Coarse
Dust Concentration: 17,9 mg/m³
Corona off/on: off
No. of repeated measurements: 3

As can be seen from the fractional efficiency curve of the diagram, the efficiency of the filter media even at an air velocity of 90 cm/s is better than 90% for particles $\geq 10 \mu\text{m}$ (pollens). Beneath pollens, the nose filter shall prevent the uptake of fine particles present in the atmosphere in the respiratory system, too. Most of the mass of fine particles present in the atmosphere are in range between $10 \mu\text{m}$ (particle fraction below $10 \mu\text{m}$ is so called PM₁₀ fraction) and $1 \mu\text{m}$.

As can be seen from the fractional efficiency curve, of the filter media even at an air velocity of 90 cm/s is 90 % of particles of $5 \mu\text{m}$ and 85 % of particles $2,5 \mu\text{m}$ are well separated by filter media. This shows that the nose filter is suitable to reduce fine dust (PM₁₀)

Why use it

The main function of SinuSet nasal filter is to reduce and in some cases completely avoid breathing in allergens and fine dusts, normally found in the atmosphere. Its colour and shape makes it almost invisible from the outside and imperceptible inside the nose thanks to its non invasive and very comfortable build, for differently shaped noses. It can be comfortably worn all day around the house, office, during any professional and physical activity, allowing you to breathe and speak normally. SinuSet nasal filter has been studied and created using certified special materials to avoid all allergic reactions and seasonal flu issues, to protect from industrial smog and dust and improve the immune defenses and sleep quality.



Alleviates allergic reactions

In addition to dietary adjustments, SinuSet nasal filter can relieve allergy symptoms.



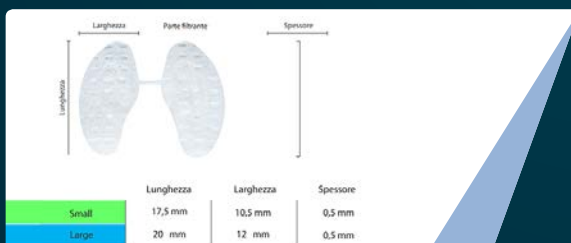
Curbs seasonal flu

Using SinuSet nasal filter prevents from breathing in the bacteria which carries flu viruses.



Reduces exposure to fine dust

SinuSet nasal filter can absorb and retain airborne polluting substance molecules thus reducing the the concentration of disease-carrying bacteria.



Two sizes

Sinuset Nasal Filter Small - DM 1614836, in th green pack.

Sinuset Nasal filter Large - DM 1614841, in the blue pack.



Strengthens the immune system

SinuSet nasal filter helps protect our body from breathing in bacteria, spores and pollen to keep our immune defences strong.

Lem S.r.l.

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