

MASKS

SAVES LIVES

PREVENTS THE SPREAD



Excellent Face Fit | Multi-layered | Washable | Reusable





AIRMASK_{PRO}



**Durable Surgical Mask with N95 Filtration
for Healthcare Professionals**

ECO Airmask Funtionality



The anti-microbial inner and outer layers continuously inhibits the growth of microbes including Bacteria, fungi and Viruses.



ECO AIRMASK provides filtration of bacteria, viruses and particulates equivalent to N95 Filtration Standards of NIOSH USA.



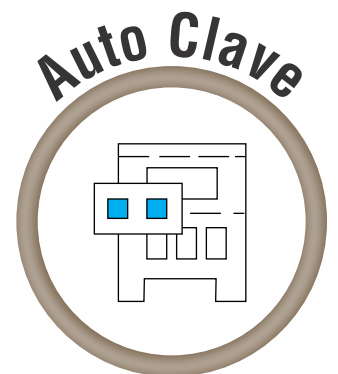
Odor creating Bacteria from body fluids are instantly eliminated with the novel anti-microbial technology that provides comfort breathing to the user for a longer time.



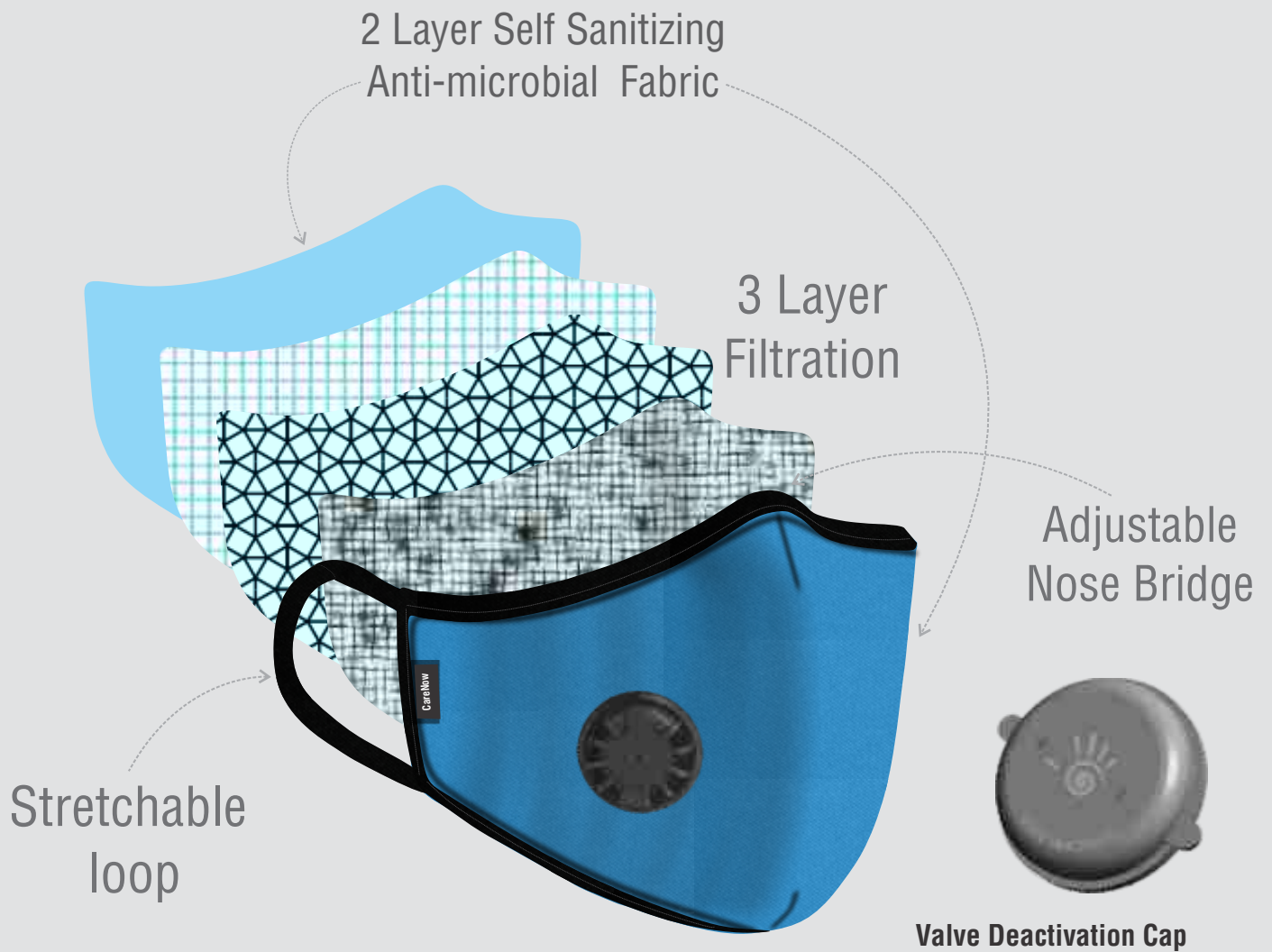
ECO AIRMASK is made of soft and stretchable knitted fabric that helps in a secured face fit that prevents air-leakages.



ECO AIRMASK is built in a way that it last for 100 washes. It is an ECO-Friendly product for a year long usage with soap and water wash for once in 3 days.



Mutli-Layered Filtration & Protection



>99% Bacteria



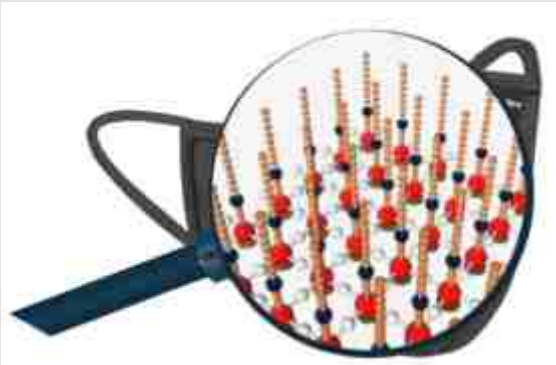
>99% Virus



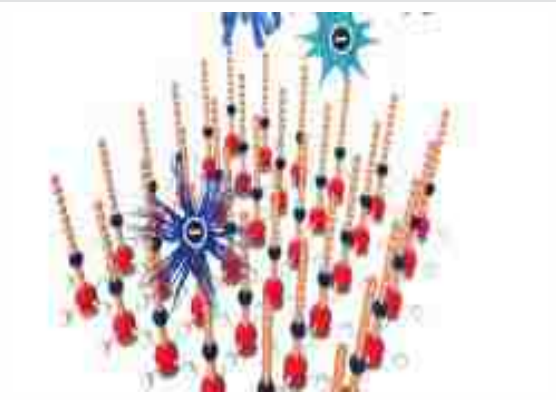
>99% Particulates

ECO AIRMASK consists of a 3 layer unique fabric and is engineered to filter Virus, Bacteria and Particulates at an efficacy rate of 99%, 99% and 99%. Filtration works by Diffusion, Interception & Impaction. Viral Filtration is achieved by Diffusion whereas bacteria and particulates are achieved by Interception & Impaction.

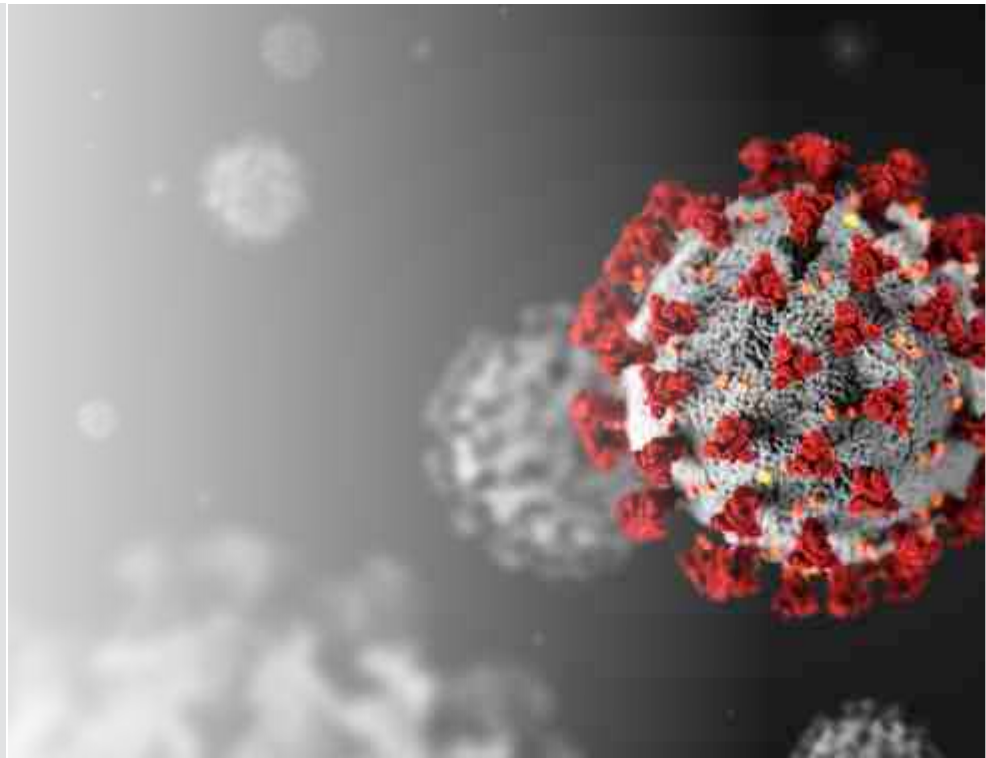
Cationic sites on ECO AIRMASK



**Multiple Cationic sites
attract +Vely charged
Bacteria, virus & fungi**



**The microbes undergo
cell disruptions**



Kills Bacteria & Viruses

ECO AIRMASK is made of a novel patented technology consisting of a Microbicidal material of inner and outer layers that continuously inhibits the growth of microbes including Bacteria, fungi and Viruses. The anti-microbial technology is non leaching and durable throughout wash cycles. ECO AIRMASK has a kill rate of 99.99% against bacteria and fungi as well as encapsulated virus. It is tested for killing SARS-CoV2 virus

The technology of microbicidal layers consists of positively charged cationic sites with carbon atoms that attract and disrupt cell wall of micro organisms.

+Vely charged Bacteria & Encapsulated virus are bound by cationic sites & cell membranes are disrupted

Effective against
SARS-CoV2 Corona Virus

[illegible]



Variants of ECO Airmask

Intended Use

ECO Airmask - General Public front line health providers, Police/Security Officials

ECO Airmask PRO - Healthcare providers

ECO Airmask Sizes

- Size 17** - Children and Petite adults
- Size 19** - Medium built adults
- Size 21** - Large/XL built adults
- Open Loop** - Free Size

Steps to wash

- A simple wash with normal soap will keep the AIRMASK Clean.
- The mask is made of Microbicidal technology, so there is no need for any disinfectants to be used.
- Indoor Drying will help in longer durability of the product.

Product Comparison



Filtration	★★★★★ BFE > 95% VFE > 95% PFE > 95%	★★★★★ BFE > 95% VFE > 95% PFE > 95%	★★ Non Certified for Filtration
Conformance Fit	★★★★★ Stretchable Ear Loops Integral to Mask	★★★★★ Stretchable Ear Loops Integral to Mask	★ Ear loops separate
Nose Bridge	★★★★★ Concealed Nose bridge made of Aluminum	★★★★★ Concealed Nose bridge made of Aluminum	★ No Nose Bridge
Air Leakages	★★★★★ No Air Leakages	★★★★★ No Air Leakages	★ Air Leakages on sides and near the nose
Skin Irritation Index	★★★★★ No Irritation (100% HypoAllergenic fabric)	★★★★★ No Irritation (100% HypoAllergenic fabric)	★ Visible skin rashes or irritation due to Poly Propylene or Polyester material
BIO BURDEN Load (Germ Index) on 8 hour use	★★★★★ Less than 15 CFU/cm ² GERM Free Anti-microbial technology	★★★★★ Less than 15 CFU/cm ² GERM Free Anti-microbial technology	★ Above 300 CFU/ cm ²
Breathability	★★★★★ Filtration of Air while Inhalation	★★★★ Filtration of Air while Inhalation and Exhalation	★★★★★ Air Leakages provide breathability while compromising filtration

Frequently Asked Questions

➤ **Can we use ECO AIRMASK PRO in a Surgical Setup?**

ECO AIRMASK PRO is designed for functionality, safety and ECO friendliness. It is intended for use as a Surgical Mask in a Healthcare setting for providers and associated staff. ECO AIRMASK PRO is autoclavable for use in a Sterile Zone such as Operating Theaters. In a non sterile usage, ECO AIRMASK PRO can be washed using normal water and soap and dried indoors.

➤ **Is it allowed to use a Mask with Valve?**

A Mask with a valve is allowed to be used outside of Healthcare Setup such as hospitals. For all normal activities, the exhalation valve provides very good breathing comfortability. We provide a Deactivation Cap with ECO AIRMASK so that you can close the valve when you are in Healthcare setup

➤ **Why is ECO AIRMASK different from other Cloth based filtration Mask?**

Breathability is as important as good filtration. ECO AIRMASK has been tested for all the parameters of filtration and breathability as per US FDA standards by Nelson Labs of America. Further, all Reusable and disposable mask will have germ build up over a period of time. ECO AIRMASK's Anti-microbial feature will help eliminate bacteria and virus and help keep the mask odor free

➤ **How does ECO AIRMASK handle perspiration when we talk?**

The inner layer of the mask that is in contact with the skin has properties of absorption. This helps in absorbing vapor and perspiration of the user while using the mask. This gives maximum comfort for the user.

➤ **What happens when somebody is sneezing in the room. Will ECO AIRMASK protect me ?**

The outer layer of ECO AIRMASK has a resistance to repel liquids. This helps in splash protection from bodily fluids such as sneezing, blood and other liquid particulates from getting absorbed by the mask. Please see the test results of Synthetic blood penetration

➤ **Does ECO AIRMASK fit all face sizes?**

We have three different sizes (Size 17- Children and Petite adults, Size 19 - For all adults of medium built, Size 21- For all adults of Large/XL built). ECO AIRMASK fits most adults and children above 10 years. The product has been used by Asians, Caucasians, Africans and Europeans. The Mask is made of knitted fabric to have stretchability in all directions. The ear loops/tie are fully integrated with the mask body to ensure proper fit and avoid air leakages. A nose bridge is also provided to ensure the user does not have fogging on glasses.

➤ **How long does the Anti-microbial efficacy last?**

The anti-microbial efficacy is permanently bonded and does not deplete in its efficiency. ECO AIRMASK has been tested effective for more than 100 washes under the labeled washing instructions.