

# AG+ Silver Ion Antiviral Nano Filter

**10**<sup>mins</sup> **Eliminate**  
**>99.9%**  
**COVID-19\*** (SARS-CoV-2)

## Product Specifications

Material : Polymer nanofiber

Minimum Efficiency Reporting Value (MERV) : 11

Size (LxW): 80x40 cm / customized per request

## Filtration Efficiency

**PM2.5**  
(1.0~3.0  $\mu\text{m}$ )  
**79.3%**



Aerosolized viruses



Bacteria<sup>#</sup>



Smoke



Pet dander



Dust



PM2.5 particles

**PM10**  
(3.0~10  $\mu\text{m}$ )  
**88.3%**



Mold



Dust mite



Pollen

\*According to professional laboratory test reports from different countries, including reference to ISO18184-2019 test standard as tested in BSL-4 laboratory, US authoritative virology laboratory MRIGlobal Test# 311664.01.001. Please refer to our website for details <https://aurabeat-tech.com/pages/tech>

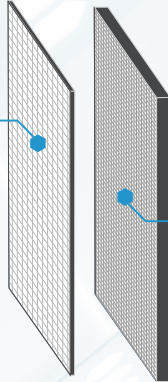
<sup>#</sup>Also proven to eliminate >99.9% of Staphylococcus Aureus, Escherichia Coli, H1N1 and H3N2 Influenza Virus

# AG+ Silver Ion Antiviral Nano Filter

## Dual-layer Structure

### 1st Layer - Electrostatic Nonwoven Fabric

- Trap particulates with very low resistance
- Trap micron-sized particles by electrostatic force

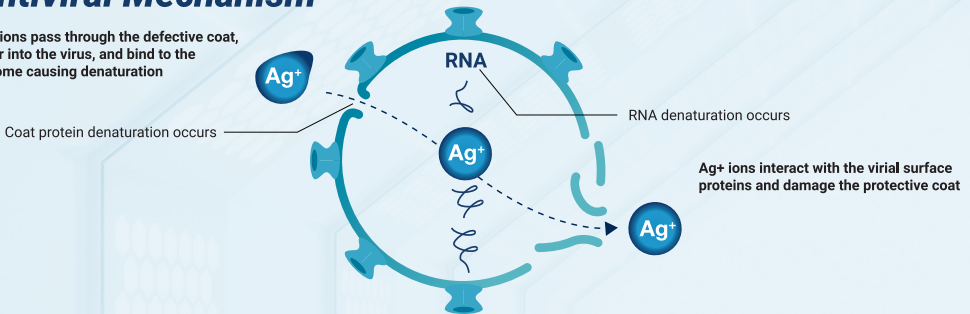


### 2nd Layer – AG+ Antiviral Polymer Nano-fiber

- Enhance filtration efficiency with stable porosity
- Long-lasting filtration effects
- Trap nano-sized particles by mechanical interception
- Provide multidimensional filtration effect
- Carriers of Nano-fiber

## Antiviral Mechanism

Ag<sup>+</sup> ions pass through the defective coat, enter into the virus, and bind to the genome causing denaturation



## Applications



Vehicle Ventilation



Lift Ventilation



Air Conditioner System  
(Office / Shopping Mall)

Aurabeat develop air purification solutions with patented silver ion technology. With multiple qualifications from worldwide authorities, the brand has also been deemed as a trusted partner for businesses and consumers across over 40 countries.



+852 2668 8883

support@aurabeattech.com

aurabeat

aurabeathk

Unit 03-07, 20/F, One Midtown, 11 Hoi Shing Road, Tsuen Wan, New Territories



aurabeattech.com