

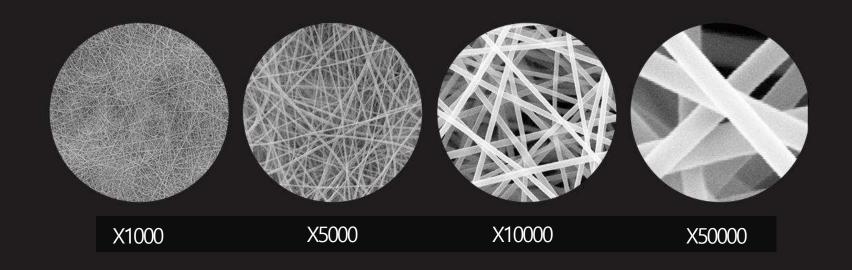
Hyper Purifying Breathing Mask Applied Advanced Nanotech BEYONDTEX





Application of state-of-the-art nanomembrane filter technology BEYONDTEX

The answer is SOOM LAB's high-tech nano technology





BEYONDTEX

BEYONDTEX, made of nanotechnology, has numerous invisible air holes that allow air to flow well and completely block pollutants.

Not only is it much easier to breathe through fine air holes, but it is also a dream fiber that has excellent performance to filter PM25 ultrafine dust.

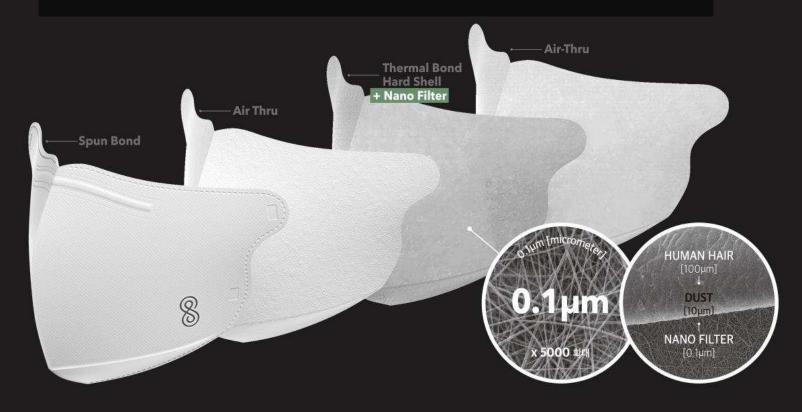
Manufacturing process of nanomembrane filters [view youtube]





Application of BEYONDTEX double filter to block fine dust and contaminants

An extra BEYONDTEX filter made by alien



Hyper Purifying Breathing Mask of SOOM LAB has one more layer of nano membrane filter, consisting of 0.1 µm fine fiber.

World-recognized mass-production technology

World-recognized technology_

- Advanced technology to mass-produce consistent, uniform nano-fiber filters
- Top 100 technology to lead Korea in 2020
- Over 50 patents across the globe

Lemon, the parent company that exclusively supplies nanofiber filters has been studying nanofiber, a next-generation material with excellent ventilation and complete waterproofing for the past 11 years.

As a result, we have secured patented manufacturing technology in over 50 countries around the world.

10-1040055

Registered in Korea, Japan, Europe and China as a patent on the electrospinning device and apparatus for manufacturing nano-fiber Patent Registration Number

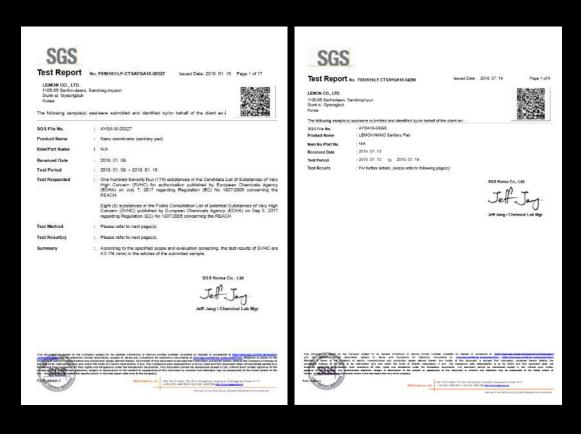
Title of Invention

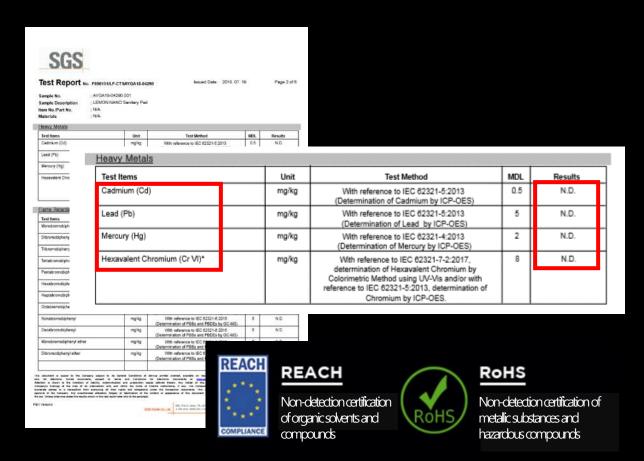
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전계 방사 잠치 및 나노 섬유 제조 잠치 An Electrospinning Device And An Apparatus for manufacturing nano-fiber



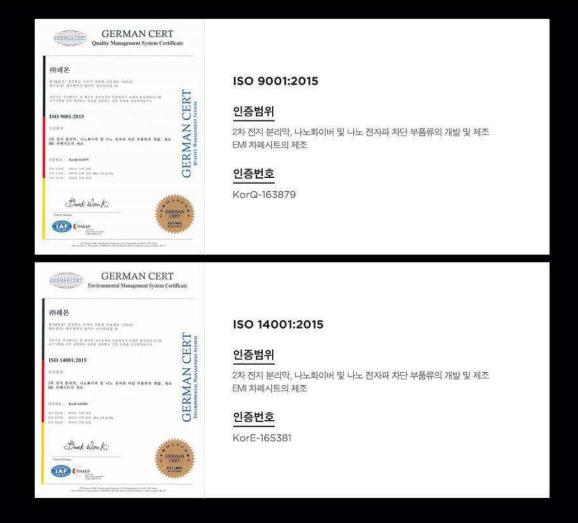
Reliability Certified by European SGS





BEYONDTEX nano membrane filter has been certified by the reliable European SGS, REACH, and RoHS(Non-detection of a total of 182 harmful substances, including cadmium, lead, and mercury), so it is harmless and safe to wear.

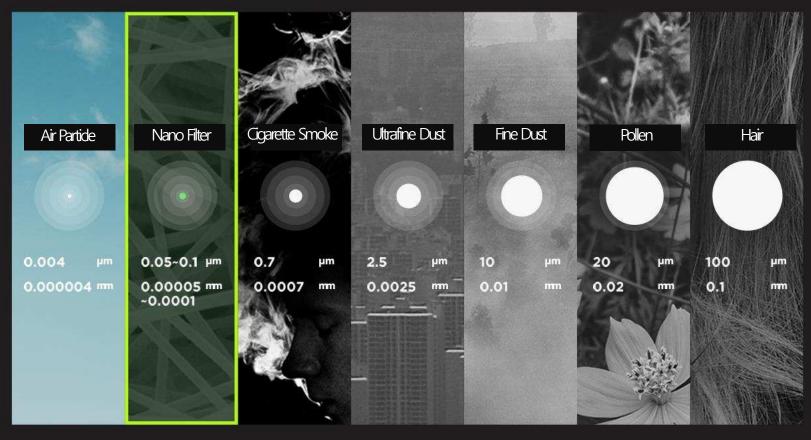
ISO Certification, Reliable clean manufacturing process



A mask is a product that can touch the mouth, nose, and skin directly. Hyper Purifying Breathing Mask of SOOM LAB is manufactured in production facilities certified for environmental management system, so they are hygienic and safe to use.

0.1µm dream fiber blocks fine pollutants.

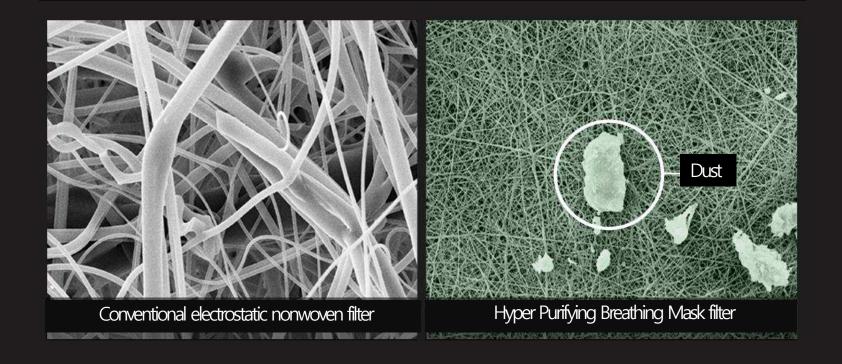
How small pollutants can it block?



BEYONDTEX nano membrane filter is made of 0.1µm of dense nanofiber, which is larger than air particles and smaller than harmful particles, so it safely filters out harmful substances and makes breathing easier.

Hyper Purifying Breathing Mask supplementing the shortcomings of non-woven filter

Electrostatic nonwoven mask VS Hyper Purifying Breathing Mask



Conventional electrostatic nonwoven masks that hold fine dust for a short time by static electricity lose their function when static electricity disappears or when moisture fills up through breathing. Hyper Purifying Breathing Mask of SOOM LAB, on the other hand, have a dense nanofiber structure that essentially blocks harmful substances and is airy, less humid, and more pleasant to use.

SOOM LAB Hyper Purifying Breathing Mask thermal image test [view youtube]



The amazing ventilation of BEYONDTEX nano membrane filter was compared to normal electrostatic mask by thermal image camera. Hyper Purifying Breathing Mask of SOOM LAB is highly ventilated, allowing the heat to be released quickly and clean air to be absorbed to breathe comfortably.

SOOM LAB Hyper Purifying Breathing Mask even keeps you in style.

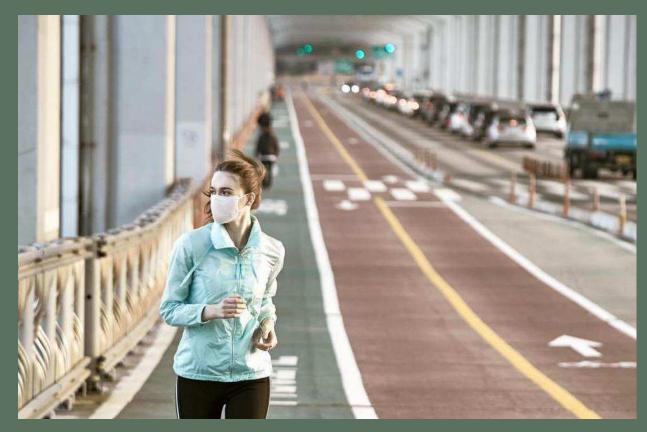








SOOM LAB Hyper Purifying Breathing Mask even keeps you in style.









[SOOM LAB Hyper Purifying Breathing Mask WHITE]













Client of SOOM LAB













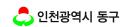


















































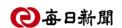


















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