

SEQUOIA ViralShield

Three-layered filtration half mask protecting against COVID-19.



APPLICATION:

Certificate of professional use against COVID-19. As provided in the World Health Organization recommendations, for this specific use, the nominal protection factor given by this filtering half mask is the same than the FFP2 nominal protection factor defined in EN 149:2001+A1:2009.

SEQUOIA ViralShield masks use **ultra-light and filtering nanomembranes**, made of high-density nanofibres. The unique combination of innovative filtering materials provides highest standards of protection and guarantees increased breathing comfort for the user.

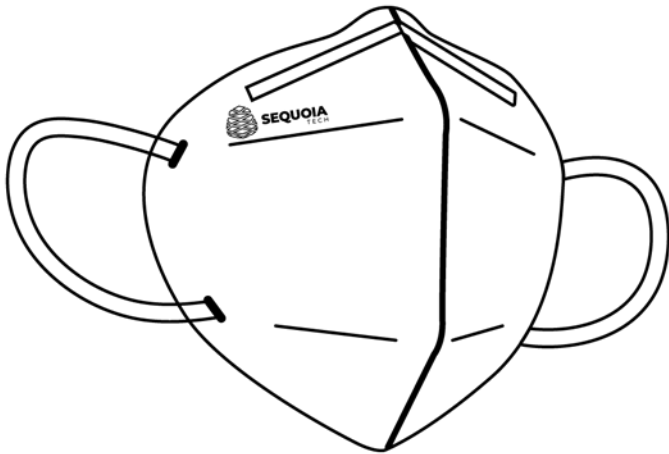


PACKAGING:

1 PIECE / PLASTIC ENVELOPE
50 PIECES / CARDBOARD BOX

SIZE: UNIVERSAL **COLOUR:** WHITE

ATEST COVID-19

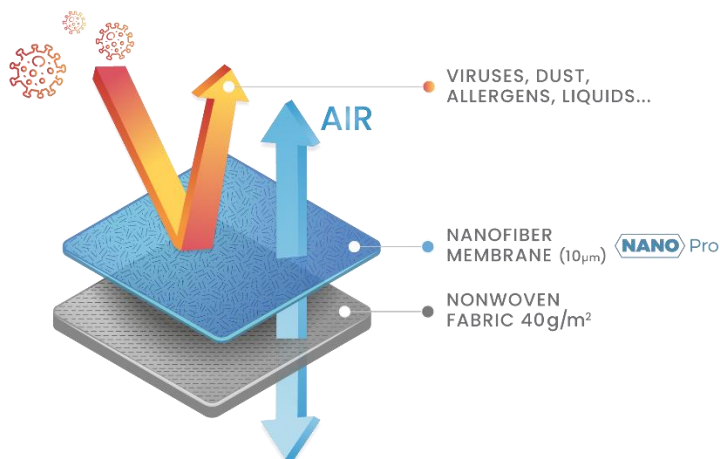


Composition:

- outer layer made of non-woven fabric
- **filtration nanomembrane**
- nose clip which ensures a clean seal and optimal fit
- soft and skin-safe lining which removes the exhaled air
- headbands that fit around the ears

NANOTECHNOLOGY:

Nanotechnology is manipulation of matter on an atomic, molecular, and supramolecular scale. It allows for the creation of materials with very precise molecular structure and mechanical parameters, because it can be controlled on the level of smallest particles.



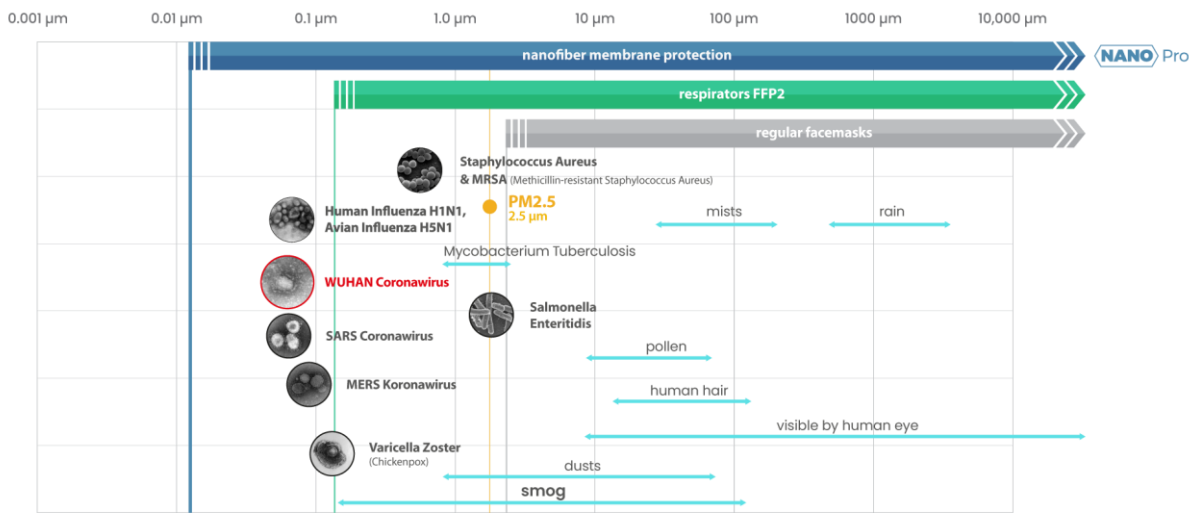
Filtration material:

- ultra-light (0.5 gr/m²) and ultrathin (0.4µm) nanofiber
- 3-layered structure
- approx. 95% porosity
- pore diameter o 0.02 µm
- 20 bln pores per 1cm³
- air permeability: delta P 40Pa
- hydro- and oleo-phobic material working as mechanical barrier to stop viruses and bacteria

ATEST COVID-19

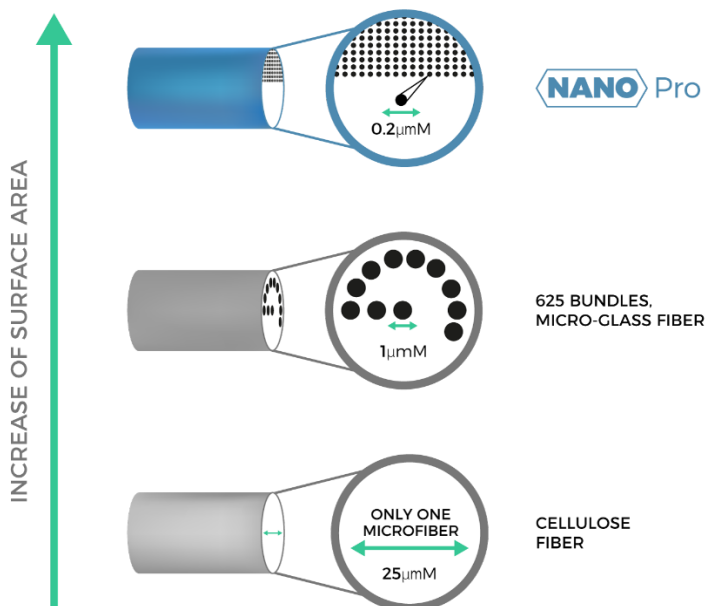
Dense structure – better filtration of harmful particles.

The NanoPro membranes are composed of nanofibers which are approx. 1000 times thinner than a human hair. The nanofibers form a high-density structure which is resistant to damage and able to stop even the smallest solid and airborne particles.



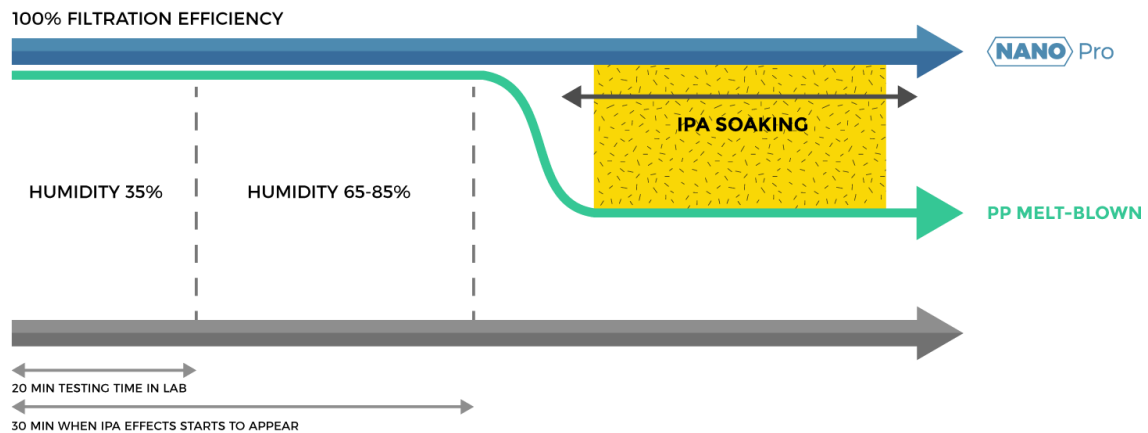
www.sequoiatech.pl

Larger filtration area – more comfortable breathing



The NanoPro membranes weigh 0.5 gr/m², are 0.4µ thick and achieve 95% porosity. The nanofibers form a 3D open pore structure with approx. 2 bln micropores per cm³. Such high-density network of ultra-thin fibers and billions of micropores helps combine the highest level of protection with excellent breathability.

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ATEST COVID-19**THE SEQUOIA QUALITY:**

SEQUOIA Tech uses the best materials and cutting-edge European technologies.

The quality of our products is tested at our in-house laboratory in accordance with the rules of the Enterprise Manufacturing Standards.

REQUIREMENTS:

- The product complies with the health safety requirements relating to the materials used.
- The SEQUOIA ViralShield filtration halfmask holds the official COVID-19 certification. The filtration nanomembrane guarantees protection level comparable to the nominal FFP2 safety level, provided for in EN149: 2002 + A1: 2009.
- This filtering half mask is not a filtering half mask for general use and shall not be used for purposes other than protection against COVID-19.

INSTRUCTION OF USE:

- Put the mask on hanging two sides of the mask strap over the ears.
- Place the fingers of both hands in the middle of the nose clip and press inward while moving the fingertips along the sides of the nose clip until the nose clip is completely pressed into the shape of nose.
- Before use check if the mask is airtight.
- The fit is critical to the performance of the product.
- Fit checking: Take both hands, hold these over the breathing equipment and breathe out deeply. This should cause pressure to develop within the breathing equipment. If you feel air escaping round the edges adjust the nose clip again and/ or increase the tightness of the rubber straps. Repeat this procedure until you are satisfied.

LIMITATIONS:

SEQUOIA TECH sp. z o.o.

98-235 Błaski, POLAND, ul. Przemysłowa 10

Sąd Rejonowy dla Łodzi – Śródmieście w Łodzi, KRS 0000096978, NIP 7272361885

Kapitał zakładowy: 50 000 zł

ATEST COVID-19

- This product is not flame resistant and must not be used in areas with open flames.
- The filtering half mask shall not be used for more than one shift.
- Do not use again or/and keep after use.
- Do not use in low-oxygen areas.
- The breathing equipment does not supply oxygen.
- Do not use in explosive atmosphere.
- Do not use in solid areas.
- Do not lend your respirator to others.
- Hair and/or facial hair may decrease the respirator's adhesion and reduce its protective properties.
- Do not use as protection from gases, fumes and volatile substances.
- Children can only use the respirator under the supervision of parents/guardians.
- Not recommended for ages below 2,5 years.
- Stop wearing the mask immediately if it is causing you any discomfort.
- Dispose of the mask and use a new one if the mask is damaged.

VALIDITY AND STORAGE:

Improved durability of the nanofibre layer enables **extended storage time of masks, making them suitable for use as disaster and epidemic relief safety stocks**. The half mask should be stored in the original packaging in a dry place protected against atmospheric conditions that ensure the optimum temperature and humidity, not exposed to the direct impact of UV. Store in dry room, away from contaminated areas and direct sunlight, between -15°C and + 40°C.

Revised on: 15.10.20