

Antibacterial respirator
BreSAFE® ANTI-COVID-19
valve-free filtrating half-mask



Instruction manual

Filtrating half-mask BreSAFE® ANTI-COVID-19 is designed for protection of respiratory organs of the user against virus SARS-CoV-2 which causes COVID-19 disease.

Certified by Occupational Safety Research Institute in compliance with recommendation of the European Commission RfU-PPE-R/02.075_01 Certification of filtering half-mask against SARS-CoV-2.

The respirator is designed to be used repeatedly, and is not to be washed. It is not possible to determine the maximum time of use / lifetime of the respirator – this always depends on the conditions under which the respirator is used. The respirator must not be washed with water nor with any other liquid..



Read the instruction manual before you wear the respirator, ensure that the respirator is not damaged and follow the instructions when placing the respirator on your face.

Instructions for maintenance

Nanomembrane with content of active silver does not lose the ability to destroy microorganisms with time. The respirator can be sterilized or disinfected due to the possibility of potential contamination caused by manipulation with the respirator.

Basic information about maintenance of the respirator in medical facilities

We recommend to sterilize or disinfect the respirator after each use. Disinfection can be done with disinfectant in spray, ideally based on alcohol or 2-propanol. We do not recommend using disinfectants which are based on hydrogen peroxide. Sterilization of the respirator can be done in an autoclave at 70° C for 5 – 10 minutes. We do not recommend higher temperatures as they could cause damage to the nanomembrane. Both methods can be combined. Do not place respirators treated with disinfectant into hot autoclave until they thoroughly dry out, due to the risk of ignition of disinfectant vapors. We do not recommend sterilization by UV lamp as this could also damage the nanomembrane.

Basic information about maintenance of the respirator in households

We recommend to sterilize or disinfect the respirator after each use. Disinfection can be done with disinfectant in spray, ideally based on alcohol or 2-propanol. We do not recommend using disinfectants which are based on hydrogen peroxide. Sterilization can be done in an electric oven at 70° C for 5 – 10 minutes. We do not recommend higher temperatures as they could cause damage to the nanomembrane. We do not recommend use of microwave oven due to the risk of fire. Both methods can be combined. Do not place respirators treated with disinfectant into hot oven until they thoroughly dry out, due to the risk of ignition of disinfectant vapors. We do not recommend sterilization by UV lamp as this could also damage the nanomembrane.

The respirator loses its effectiveness particularly if:

- harmful particles have penetrated the respirator and contamination, foul odor or another sign of penetration of pollutants into the respirator have been discovered
- breathing resistance of the respirator has rapidly increased



The respirator must be stored in dry and clean environment at temperatures of -5 to +40° C.



Sealing requirements will probably not be met if the user has beard in the area of the sealing line of the respirator.

Instructions for placing of the respirator

1. Wash your hands thoroughly.
2. Take the respirator and place it on your face with the nose part pointing upwards.
3. Pull the fastening straps over your head.
4. Check proper sealing of the respirator: Inhale forcefully. If you detect leakage of air between the respirator and your face, you will achieve better sealing by:
 - replacing the respirator on your face to more suitable position
 - readjusting the fastening straps on your head to more suitable position



Manufacturer:

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