

Bio functional nanofiber based FFP3 respirator

1

Coarse filter layer

- For coarse, dust particles filtration

2

Thin nanofiber based biofunctional filtration layer

- **FFP3** breathing protection performed mask
- **Strong antibacterial effect**
- Protects against allergens, bacterial and mould fungi
- **Great breathability** – through whole surface area
- **No ventile** needed

3

Premium long-term stable activated carbon layer

- For **odour**, **ozone** and harmful gases elimination

4

Support layer

- For comfortable use
- Perfectly fitting shape toward face
- **Perfect fit factor**



New Innovative Filtration Technology

Removes and Eliminates



Pollen



Bacterium



Diesel particles



Mould



Distributor

MXTech Ltd.

47 Świeradowska St
02-662 Warsaw
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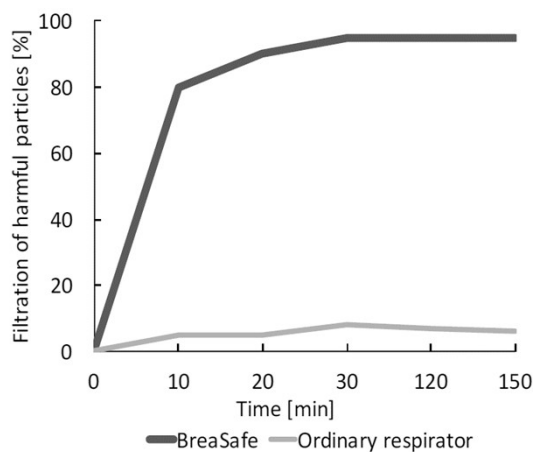
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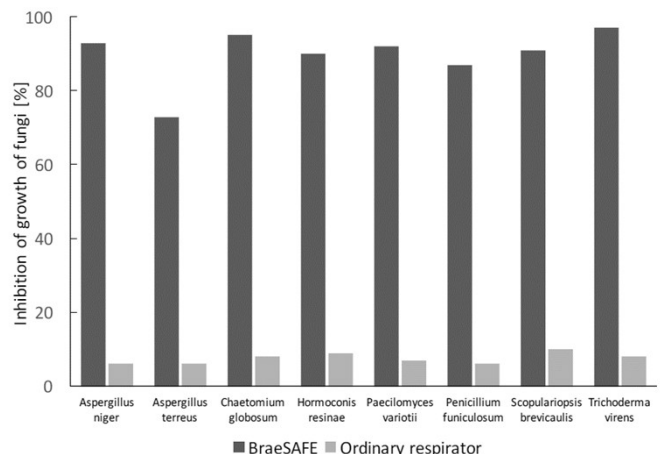
Bio functional nanofiber based FFP3 respirator

- World unique nanofibre based respirators with exceptional properties and innovative filtration technology
- BreaSAFE® ACTIVE carbon contents additional Premium Activated Carbon Layer for unpleasant odours, ozone, harmful (even toxic) gases and vapour elimination
- Filtration efficiency FFP3 according the EU norm EN 143
- Removes pollen, allergens, diesel soot and particulate matter as well as other particles larger than 0.3 µm up to 99.8 %
- Breathable through whole surface [150 cm²]
- Stable antimicrobial property prevents mould and bacterial growth
- Lightweight and comfortable for use
- High air permeable due to the very thin nanofiber layer » very low pressure drop [100 Pa]
- Resistant against moisture
- Green technology » lamination of the layers without harmful glue, only by heating and pressing
- Mechanical stable
- Tailored for high physical activity as well for daily use
- Great sealing properties and Fit Factor
- Meet skin contact and hygiene requirements
- Highly fungi resistance of BreaSAFE respirator according to SRPS EN 60068-2-10 norm

Copmarison between BreaSAFE Active carbon Respirators and ordinary one in efficiency of filtration of harmful particles



Copmarison between BreaSAFE Active carbon Respirators and ordinary one in growth of fungi on the surface of respirator



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