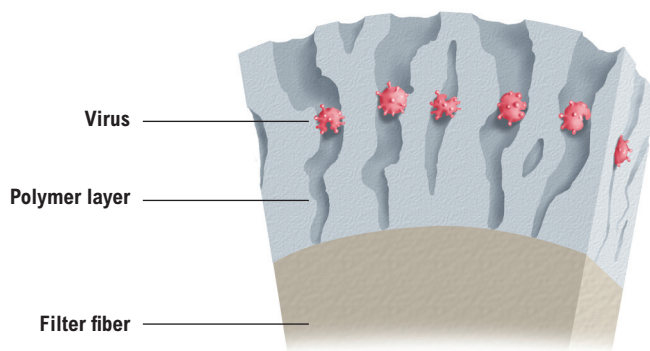


# NO CHANCE FOR VIRUSES!

## Air filter media with superior protection against virus particles

The fibers of **BinNova Triple AIR** media are equipped with a micro to nano porous mesh, based on a non-toxic adsorptive polymer layer, which is capable of permanently binding and inactivating viruses, bacteria and protein particles. Global patents are pending for this key innovation and the technology is exclusively available for filtration materials in **BinNova Triple AIR** media.



- Viruses are infectious particles 0.02-0.3 µm in size which need a host cell to replicate, causing diseases like Covid-19
- The goal is to remove virus particles permanently from air avoiding re-emission.
- With BinNova Triple AIR viruses are bound to the fiber surface and degrade into inactive fragments (RNA/DNA and proteins) which are bound permanently.

## Independent testing confirms that BinNova Triple AIR removes more pathogens than any other material in the market

Non-treated materials, which are market standard nowadays, show nearly no meaningful virus inactivation.

**Triple AIR deactivates 99.99% of all virus particles after 30 seconds and 99.999% after two hours, according to ISO 18184.**

In other words: only 1 virus particle out of 100,000 was not captured and deactivated upon contact with the coating.

	non-treated	treated
<b>Efficiency/inactivation</b>	<b>80%</b>	<b>99.999%</b>
<b>Remaining active</b>	<b>20%</b>	<b>0.001%</b>