INOFILTER **95**/**99** FILTRATION MEDIA

FILTRATION EFFICIENCY
+95% / +99%

Outer layer: PET Spunbond 35 g/m2
Inner layer: Nanofibers layer of polymer PVDF 0.6/0.8 g/m2
Outer layer: PET Spunbond 35 g/m2

Patented Technology

The filtration media is produced using a patented novel technology **"Hybrid Electrospinning"**.

Replacing Meltblown Materials

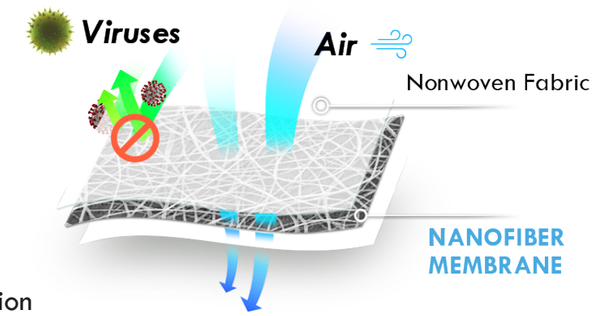
The structure of nanofiber media makes them a unique material for fine dust particles, aerosols, bacterias or viruses. Nanofiber based filters provide better filtration performance than conventional meltblown materials with a quite smaller weight per basis area.

Innovative Materials

The nanofiber membranes are considered to be the next generation filtration media, due to their high efficiency. Large corporates are looking into incorporating them in their products range.

TECHNICAL FEATURES

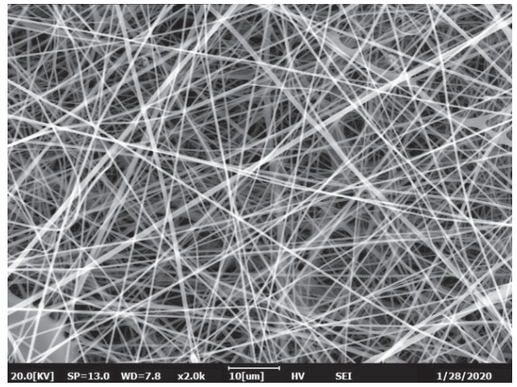
- Low-pressure drop for better breathability.
- Enables capturing inhaled particulates such as bacterias and viruses.
- Designed to provide protection of **96**% and **99**% filtration efficiency.
- High efficient mechanical filtration. No filtration performance loss according to change of electrostatic properties.



	Filtration Efficiency %	Pressure Drop Under 95 Lpm Air Flow Rate
Inofilter 99	**99,31**	**3,08**
Inofilter 95	**96,40**	**2,15**

*Tests were done with TSI 8130 device according to EN143 standard document.

SEM image of the Nanofiber membrane



Fiber Diameter (µm)		
Average	Std Dev	Median
0,224 0	,106 0	,210 7