

# Activated Carbon

## Nanofiber Filter Media

### CombiNano Series

"Discover the innovative filter media combining advanced nanofiber technology and the power of activated carbon. Designed for unmatched performance, extended durability, and superior energy efficiency."

01



02



03



**Breathe the Air  
of the Future  
Today!**

04



05



01 - Electronics | 02 - Life Sciences | 03 - Mobility  
04 - Indoor Air Quality | 05 - Healthcare



State-of-the-art nanofiber technology and the superior adsorption power of activated carbon take air filtration to the next level!

CombiNano is an advanced filter media, specially designed for superior air purification, offering exceptional particle elimination efficiency, effective odor removal, and enhanced energy savings. Engineered to exceed modern air quality and sustainability standards, it provides long-lasting performance while supporting a cleaner, healthier and more sustainable future - without the use of PFAS.

## Key Features

1

### High Particulate Efficiency:

Nanofiber performance-layer enables mechanical filtration @ 99% efficiency level.

2

### Odor Removal:

Effectively adsorbs gas phase contaminants (like VOCs, formaldehyde, etc.) and unwanted odors, thanks to the power of activated carbon.

3

### Low Pressure Drop:

Media design optimized for low energy consumption.

4

### Durability:

Eliminates the concerns of fiber shedding, ensuring long-lasting and reliable performance.

5

### Fully Synthetic Composite Structure:

Superior pleatability and processability.

6

### PFAS-Free:

Compliant with environmental and health regulations.

# Choose the Perfect Media for Your Needs!



Our innovative activated carbon nanofiber filter media is available in three different grades, each tailored to meet specific filtration demands.



## CombiNano

Filterclass  
ISO 16890 / EN779

Weight Per  
Unit Area

Thickness

Breakthrough  
Toluene 8ppm

Capacity Toluene  
@70% Breakthrough

Application

## Light

ePM1 50-65% / F7 |  
ePM1 >80% / F9

265 g/m<sup>2</sup> ± 15%

1,4mm ± 0,2mm

<25 % @ 0,10 m/s

> 20 g/m<sup>2</sup>

Residential HVAC | IAQ

## Medium

ePM1 50-65% / F7 |  
ePM1 >80% / F9

440 g/m<sup>2</sup> ± 15%

1,7mm ± 0,2mm

<10 % @ 0,10 m/s

> 50 g/m<sup>2</sup>

Commercial & Industrial  
HVAC | Mobility



## Heavy

ePM1 50-65% / F7 |  
ePM1 >80% / F9

635 g/m<sup>2</sup> ± 15%

2,2mm ± 0,2mm

<2 % @ 0,10 m/s

> 80 g/m<sup>2</sup>

Life Sciences | Healthcare  
Electronics