

NanoWave® XT

Highest filtration efficiency and unparalleled energy rating

NanoWave® XT outperforms all other filter media and sets new standards



HIGHEST PERFORMANCE AND PROTECTION AGAINST PM1 PARTICLES

- Up to ePM1 90%
- Highest efficiency up to 99,99%
- Double to triple higher dust-holding capacity

BEST POSSIBLE ENERGY RATING AND COST-EFFICIENCY

- Lowest pressure drop down to 32 Pa
- A and A+ rating even with short pockets
- Lowest overall lifecycle cost
- Over 30% operating cost reduction

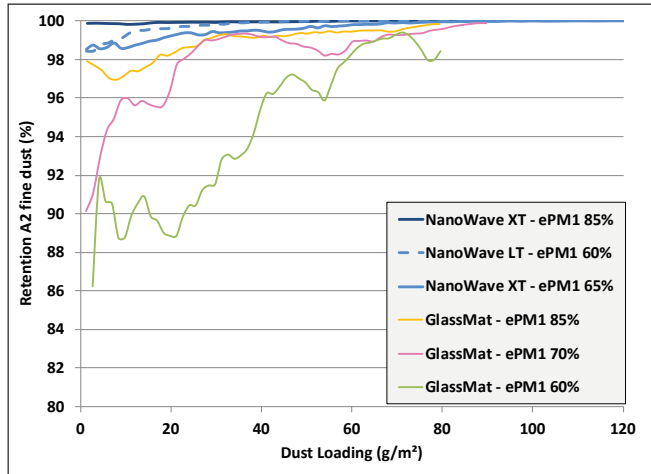
KEEPS PEOPLE AND THE ENVIRONMENT SAFE

- Over 30% CO2 emission reduction
- Entirely safe in processing, use and disposal
- No time-consuming and unnecessary disposal costs

Grade	Classification			Pressure drop (Pa)
	ISO 16890	EN779:2012	MERV	
WA0160XT	ePM1 65%	F7	16	32
WA0190XT	ePM1 85%	F9	16	50

*These are flat sheet data. Filter element data may differ depending on filter design and construction

NanoWave® XT outperforms all other media combining high efficiency with high dust-holding capacity



Material	Glass Mat ePM1 60%	Glass Mat ePM1 70%	Glass Mat ePM1 85%	NanoWave® LT ePM1 – 60%	NanoWave® XT ePM1 – 65%	NanoWave® XT ePM1 – 85%
Initial efficiency A2 fine dust	~86%	~90%	~97%	~98%	~99%	~99,95%
Dust holding g/m² @240 Pa	92	89	79	116	180	149

*Filter element data may differ depending on filter design and construction.

We work to make a difference

75% operating costs are energy costs

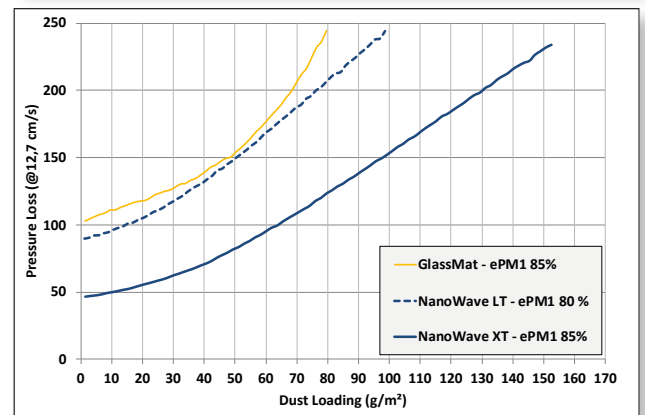
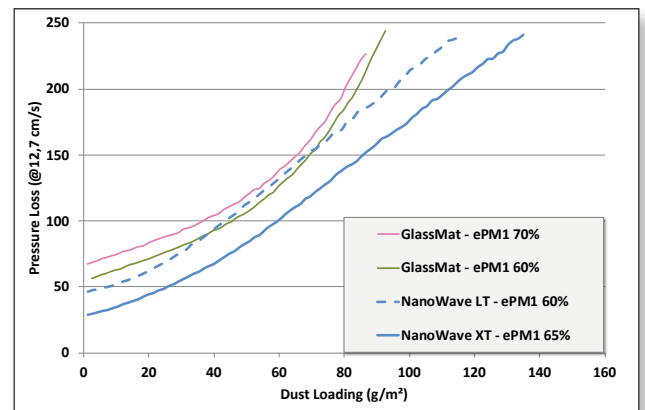
Over 75% of total operating costs of a pocket filter are energy costs, while only 10% fall of to purchase costs. That is why filters with lower energy classes (C,D,E) even though lower in pricing, generate much higher energy costs, significantly increasing the overall lifecycle costs of your HVAC unit.

Energy waste due to pressure drop

As much as 30% of energy consumption of an HVAC system happens due to the pressure drop in the air filters.

Save energy with NanoWave® XT

NanoWave® XT media have up to **40% lower pressure drop** compared to other premium filtration materials, allowing you to significantly lower the energy consumption of your HVAC system.



To learn how NanoWave® adds value to your production processes and the space we live, play, study and work, please visit www.NanoWave-hv.com or contact us directly at NanoWave@hovo.com