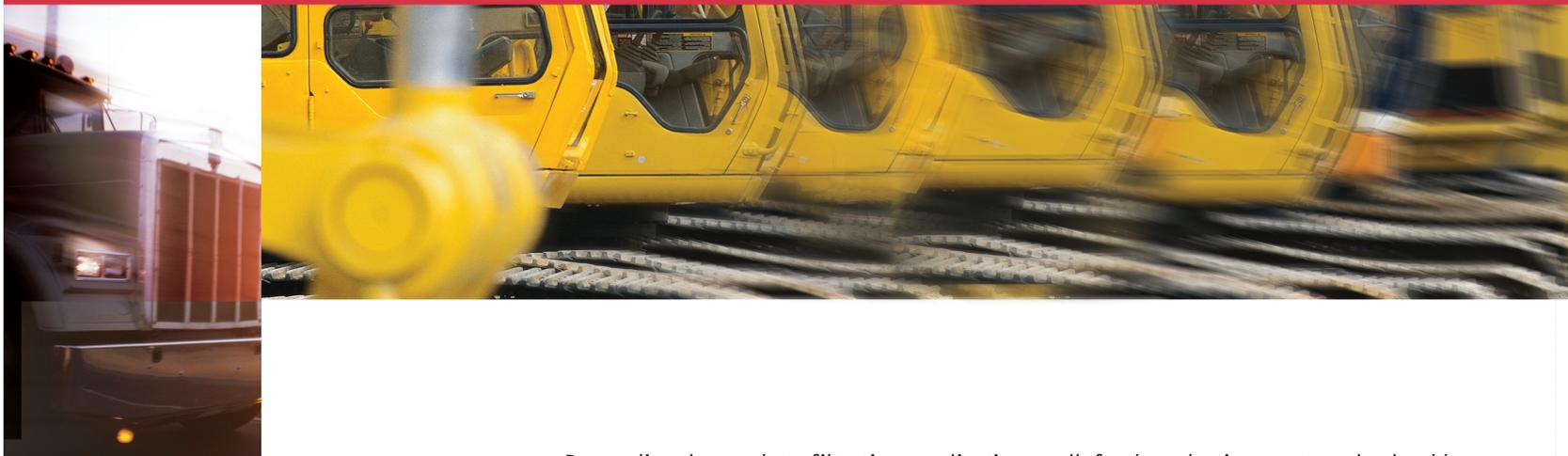


NANOWEB SYNTHETIC NANOFIBER MEDIA



Strength and endurance enable H&V's Nanoweb synthetic media to excel where other nanofibers may fail. With superior structure, Nanoweb represents an improvement in existing nanofiber technology that surpasses industry performance standards with enhanced efficiency.

Demanding heavy-duty filtration applications call for long-lasting, extremely durable nanofiber media. As a leader in developing state-of-the-art filter technologies, Hollingsworth and Vose Company has exceptional expertise in designing filtration media with high dirt-holding capacity for the toughest environments.

Nanoweb®, H&V's proprietary nanofiber technology, is designed to significantly enhance particle capture efficiency at a minimal increase in pressure drop, compared to electrospun products.

Nanoweb's layered design is more robust than existing nanofiber technology. This increased durability allows the filter media to maintain integrity in high moisture, high viscosity, or heavy dust environments. The technology presents a lasting filtration solution for a wide range of challenging air and liquid filtration applications, including:

- Gas turbine dust collector
- Heavy-duty air
- HVAC air filtration
- Auto air intake
- Fuel filtration
- Lube filtration
- Liquid filtration

H&V's redesign of nanofiber technology yields an improvement in product manufacturability. This increase in productivity makes Nanoweb a lower cost alternative to traditional electrospun media. For a customized solution, H&V offers two product grades to meet your individual process needs.

Benefits

- Excellent fine particle soot filtration increases efficiency
- Durable nanofibers enable superior dust-holding capacity
- Enhanced pulse cleanability extends filter life
- Improved manufacturability lowers costs
- Layered design holds up better in liquid, fuel, oil, or water applications

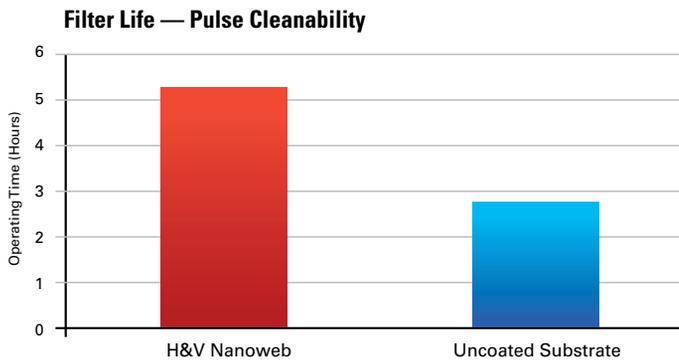


H&V's Nanoweb technology offers better performance at a lower cost, and its particle capture efficiency is enhanced by a number of features.

Pulse cleanability

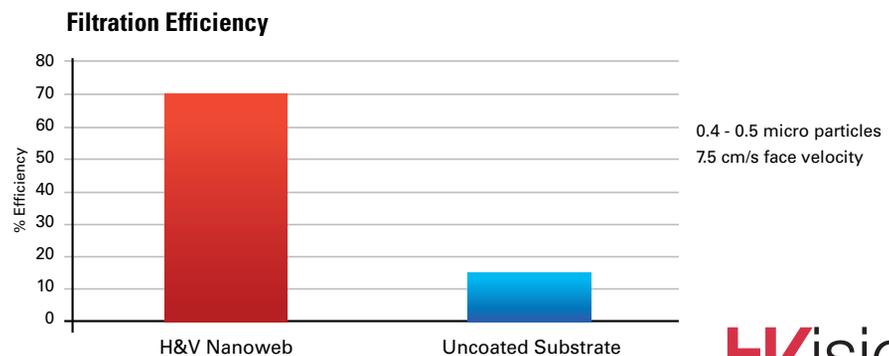
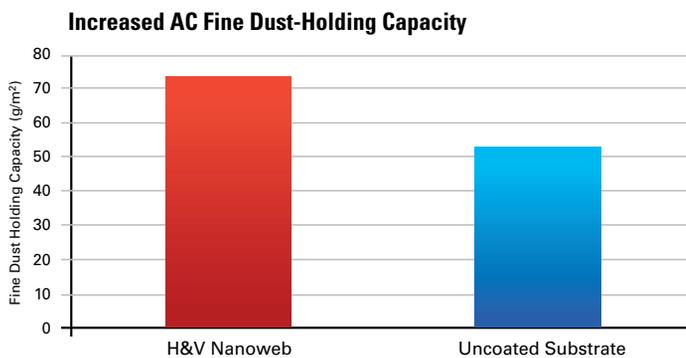
Nanoweb's fibrous matrix design structure allows particle capture with excellent release properties for pulse cleaning applications.

Particles are allowed into the matrix, increasing dust holding, but the matrix design also allows particle release when pulsed.



Fine dust-holding capacity

In addition to better pulse cleanability, Nanoweb offers excellent dust-loading capacity, a significant advantage over electrospun surfaces consisting of only fine fibers that can be easily destroyed. Nanoweb's durable nanofiber coating is comprised of a mix of small and large fibers that retain particles with advanced control.



**Hollingsworth
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11/07 Printed in U.S.A. 0721071

HVision®
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