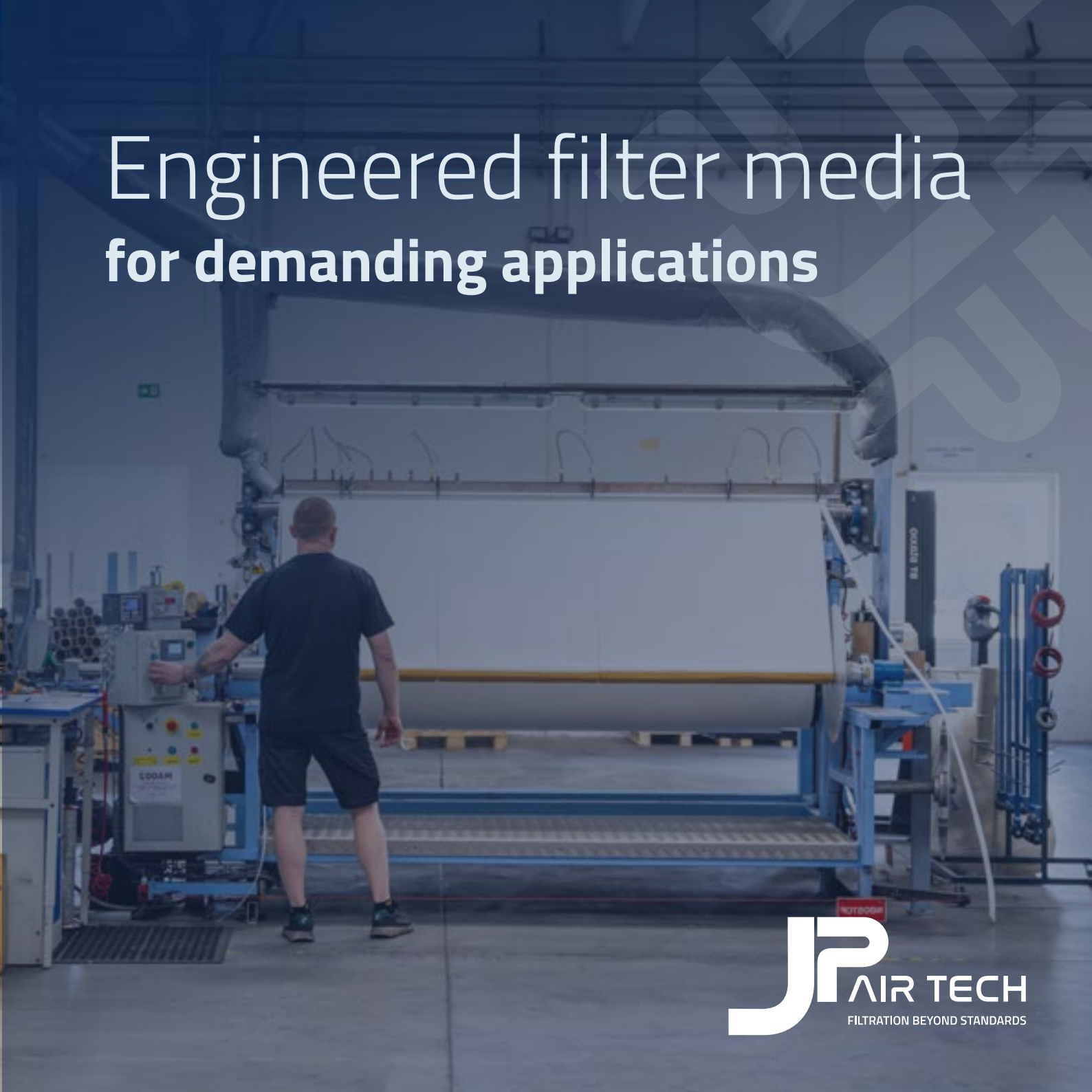
Engineered filter media
for demanding applications



JP AIR TECH
FILTRATION BEYOND STANDARDS

100+

STANDARD PRODUCTS

10.000 m²

OF PRODUCTION
AND STORAGE FACILITIES

3.500.000 m²

FILTER MEDIA
IN STORAGE

10.000.000+ m²

SOLD PR. YEAR

JP Air Tech at a glance

JP Air Tech is a Danish filter media specialist, headquartered in Sakskøbing, Denmark. Since 2008, we have supported filter manufacturers and OEMs with media selection, product development and tailored filter media solutions for demanding air filtration applications.

With a broad product portfolio, in-house capabilities and documented quality processes, we help customers meet both standard media requirements and more complex application-specific needs. Our specialised and flexible manufacturing setup enables close technical dialogue, customised media options and responsive lead times.

Filter media
for demanding applications

Different filtration applications place different demands on filter media. JP Air Tech supports filter manufacturers and OEMs across air and dust filtration segments where efficiency, airflow resistance, dust release, durability, environmental exposure and production fit must work together.

Industrial Air Filtration / Air Pollution Control

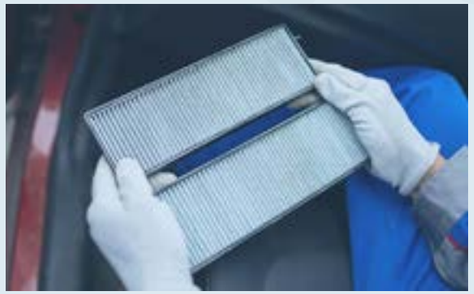
Filter media for demanding dust collection environments where filtration efficiency, pressure drop stability, dust release and durability are critical.

HVAC / General Ventilation

Media for ventilation systems where clean air, low airflow resistance, dust holding capacity and energy performance must work together.

Gas Turbine / Air Intake Filtration

Media solutions for intake systems exposed to humidity, dust, salt and changing outdoor conditions, where reliable performance and asset protection matter.



Compact Air Filtration Applications

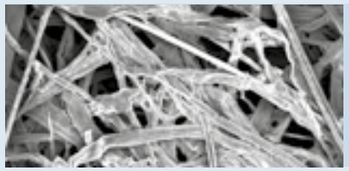
Filter media for compact systems where fine particle capture, airflow, suction performance and product integration must be carefully balanced.

Filter media
designed around performance needs

Our filter media portfolio is designed to support different filtration challenges, from durable polyester media and balanced cellulose-synthetic blends to multilayer, nanofiber and ePTFE membrane constructions for higher efficiency demands.

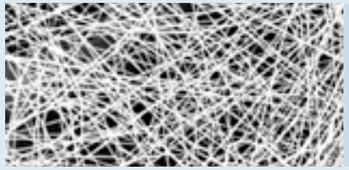
The right media choice depends on the application, filter design, operating environment and required balance between efficiency, pressure drop, dust holding capacity, cleanability and durability.

Polyester filter media
Durable media for applications where strength, stability and long service life matter.

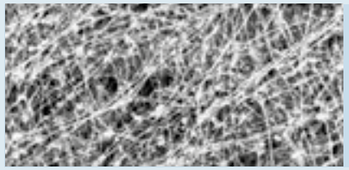


Cellulose-synthetic blend media
Balanced media for applications where reliable performance, processability and value are key.

Multilayer media
Designed to balance efficiency, dust load and pressure drop across the media structure.



Nanofiber media
High-efficiency media for fine particle capture with low pressure drop.



ePTFE membrane media
Surface filtration media for fine, hazardous or high-value dust applications.

What we help you achieve

Filter media selection affects more than initial efficiency. For filter manufacturers and OEMs, the right media must support stable performance, efficient production, reliable documentation and long-term supply security.

JP Air Tech helps customers select, develop and source filter media that match real application demands. From standard media requirements to customised solutions, we support the process with a broad product portfolio, in-house capabilities, technical dialogue and documented quality processes.

01 **Stable performance**
Efficiency, pressure drop, dust holding capacity and durability must work together in the final filtration solution.

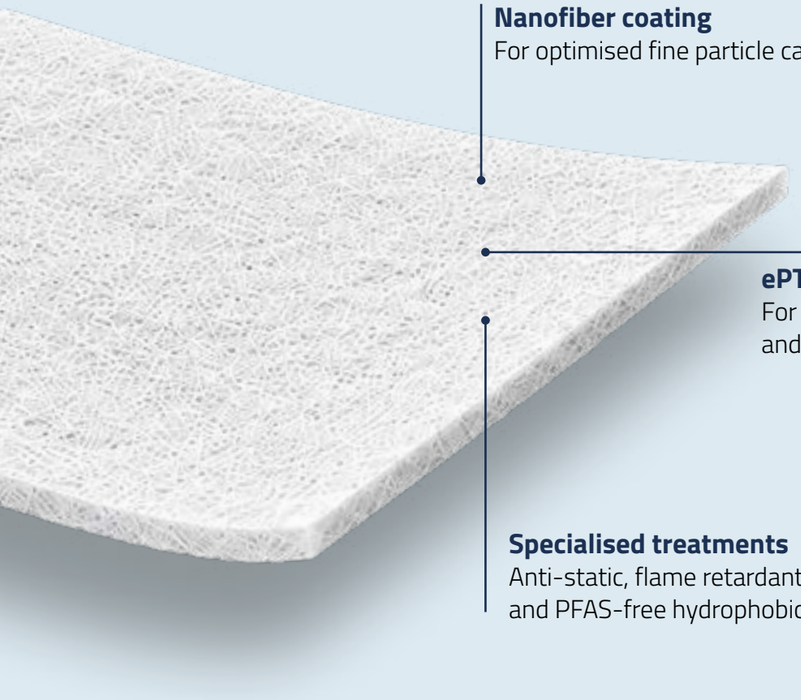
02 **Lower qualification risk**
Reliable test data, documentation and batch consistency help reduce uncertainty before moving further into production.

03 **Application-fit media**
Media structure, treatments and formats can be adapted to specific operating conditions and production requirements.

04 **Reliable supply**
A broad portfolio, flexible setup and large stock support responsive lead times and supply security.

In-house filter media **enhancements**

Filter media enhancements modify the surface, structure or functional properties of the media to meet specific application requirements. They can support fine particle capture, dust release, moisture resistance, flame retardancy, conductivity and pressure drop stability.



Nanofiber coating
For optimised fine particle capture and pressure drop stability.

ePTFE lamination
For high efficiency, dust release and moisture resistance.

Specialised treatments
Anti-static, flame retardant and hydro/oleophobic options, and PFAS-free hydrophobic options.

From media roll to **production-ready format**

JP Air Tech's converting capabilities help adapt filter media to customer production needs. This supports easier handling, customised widths, compact filter designs and fewer downstream production steps.

Pleating
Compact filter designs and high media area.

Corrugation
Improved stability, handling and airflow support.

Lamination and bonding
Multilayer constructions with defined performance.

Slitting
Media widths matched to customer production.

Reliable test data.
Consistent quality.
Better media decisions.

Quality control **and in-house testing**

Media qualification depends on reliable data, consistent quality and a clear understanding of how the media performs in the final application.

JP Air Tech supports filter manufacturers and OEMs through documented quality control and in-house lab testing. We monitor quality from incoming raw materials to finished media and test key performance parameters such as air permeability, efficiency, pressure drop, dust holding capacity, conductivity, surface structure and mechanical properties.

This helps customers compare media options, verify performance and reduce uncertainty before moving further into production

Working with JP Air Tech

At JP Air Tech, we collaborate with key customers on product development projects, creating tailored solutions and innovative filter media to meet specific needs and market demands.

01 **Feasibility**
Understand application needs, performance targets and production requirements.

02 **Planning**
Align specifications, timelines, responsibilities, test criteria and documentation needs.

03 **Design**
Translate requirements into a practical filter media solution. Adjust material structure, performance layers and converting format where needed.

Filtration Beyond Standards

04 **Sampling**
Produce prototype roll samples for filter manufacturing and extended testing.

05 **Production**
Move from approved sample to stable, repeatable media production.

06 **Review**
Evaluate test results, production feedback and real-world performance.

Let’s discuss **the right filter media for your application.**

Contact us

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Scan for our website

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