

we focus on sustainability

Filter Media Filtration & Separation





About JP Air Tech

Innovation is in everything we do from continuous improvement in our processes that create value and competitive advantage.

ESG - Environmental, Social and Governance

At JP Air Tech, we work on shaping a sustainable future with high responsibility for our customers, employees, communities and the environment. By allocating resources, tools and dedicated leadership, we are on the way towards a greener operation with lower greenhouse gas emissions and more efficient material and energy use. Positive change is on the way and we show transparency in our progress.

Sustainability is an integral part of JP Air Tech. Creating filter media and solutions that improve air quality benefit both people and the environment, and we are highly committed to run our operations in an environmentally-friendly manner without compromising applicability and quality.

Quality Management Policy

- We do what we say we will do
- We deliver for our Customers
- We prioritize customers' needs, delivering differentiated products and solutions that enable their success
- We deliver on our commitments and are accountable for our actions
- We act with Integrity.
- We pursue innovation, along with continuous improvement
- Our workplace is safe



Environment



Social



Governance

Innovation is in everything we do from continuous improvement in our processes that create value and competitive advantage.



A hard working motivated team do also need to socialize. At JP Air Tech, we have created a social environment so like being at home.

A highly motivated and skilled team, are always ready to serve our customers.

Working at JP Air Tech, we continue to search for ways to positively affect the environment





Our range of products

Our products for your application

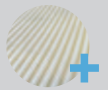
High performing filter media for any application or industry

JP Air Tech offers a wide range of filter media roll goods & pleat-packs, designed to meet your filtration requirement. We ensure to deliver high performing products -

we manufacture and deliver products with high air permeability, with lowest pressure drop and best in class performance.

Design your filter

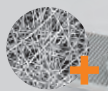
JP Air Tech offers a full range of filter media products and treatments to boost your filtration performance.



Material type
Cellulose blend
Polyester spunbonded
Bicomponent polyester spunbonded
Meltblown
Aramid / PPS



Media design
Single layer
Multilayer
Ultrasonic bonding,
Heat lamination
Glue lamination

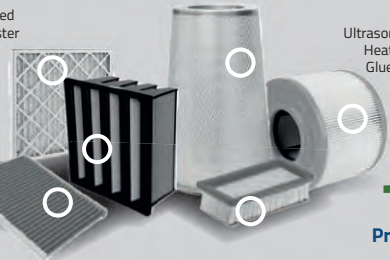


Efficiency
Regular: M5 - M6
Nanofiber: F7 - F9
ePTFE membrane:
E10 - H14



Properties
Antistatic
Flame retardant
Hydro/Oleophobic

Our 4 keystones to get the right filtermedia



INDUSTRIAL FILTRATION



GAS TURBINE



HVAC



FOOD & BEVERAGE



VACUUM CLEANERS



CABIN AIR

Our wide range of services

As a solution provider, we continuously invest in new technologies and equipped with the most advanced manufacturing & converting machines to offer the best filtration solutions.



e-PTFE LAMINATION

With our 4 high efficient heat lamination production lines, we can meet any specification.

We can laminate on any non-woven polyester material.



Nanofiber coating

We are equipped with 3 industrial nanofiber production lines engineered to produce high performing nanofibers up to 2500mm production width.

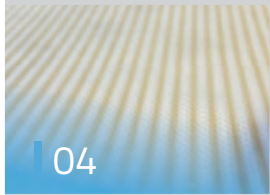
We can laminate on any non-woven polyester material.



Oleophobic/Hydrophobic and FR treatment

We offer two different type of media treatments. Our special designed process assure a stable and accurate treatment across the filter media. Our treatments are:

- Oleo/Hydrophobic treatment / Flame retardant treatment
- Treatment capability with two production lines
- Available in different basis weight classes
- Regular/antistatic, and available in flat or corrugated versions



Media Corrugation

JP Air Tech has designed and engineered a series of corrugated fully synthetic filter media products which improve overall filtration performance.

JP Air Tech corrugated media provides 47% lower pressure drop, 37% longer life time and 16% better pulse-cleanability.



Anti Static Coating

- The anti-static treatment is suitable for potentially explosive environments according to DIN 54345.
- Electrical resistance is less than $10^9 \Omega$ and complies with industry requirements.



Ultrasonic Bonding

High Performance multi-layer filter media.

- High dust holding capacity
- High airflow / Low pressure drop
- Full synthetic (no glass fiber)
- Long lifetime
- FDA compliance
- We can produce and deliver within any filter class
- Up to 2500mm width



Media Slitting

- Slitting of your JP Air Tech filter media
- 4 slitting machines
- Slitting capability in the range of: 50 mm to 2400 mm
- Slitting as a service
- Providing off-site slitting support for inquiries beyond our capability
- Established external partners, for specific slitting needs and extra capacity



Pleating of Filter Material

- Pleating of your JP Air Tech filter media
- Maximum width 2100 mm
- Pleat height from 18 mm to 50 mm
- We offer pleating service of a media of your choice

OUR GREEN VALUES



Environment



Social



Governance



Scan to read more about Sustainability

Warehouse and logistic



Environmental, Social and Governance are important elements in our corporate strategy. We continuously seek ways to minimize the environmental impact of our operations, while ensuring a diverse, inclusive,

healthy and safe workplace. We believe in giving back to society and adhere to sound business practices with emphasis on integrity and fairness.



Reduce waste

- Reduce direct and indirect GHG emissions
- Conduct Life Cycle Assessments (LCA) on products
- Identify resource-heavy processes



Minimize energy consumption, 8% YOY*

- Identify energy demanding units
- Reduce consumption through optimal maintenance
- Environmental friendly light sources



Reduce waste, 5% YOY*

- Digitization
- Recyclable product packaging
- Efficient use of materials



Recycle, 5% YOY*

- Increase recyclable fraction of waste
- Enhance waste-presorting
- Waste-to-Energy (WtE) as renewable energy source



Empower and educate employees

- Education and training in sustainability and lean standards
- Focus on personal development and wellbeing
- Environmental, Health and Safety (EHS) framework



Ambitious and transparent leadership

- Intern and extern reporting on financial results and progress
- Emphasis on KPI's, approval, safety and environmental measures
- Customer and investor compliance

Supply Chain & Warehouse Management

JP Air Tech is a European manufacturer, carrying a large inventory of raw material and surface treated filter medias.

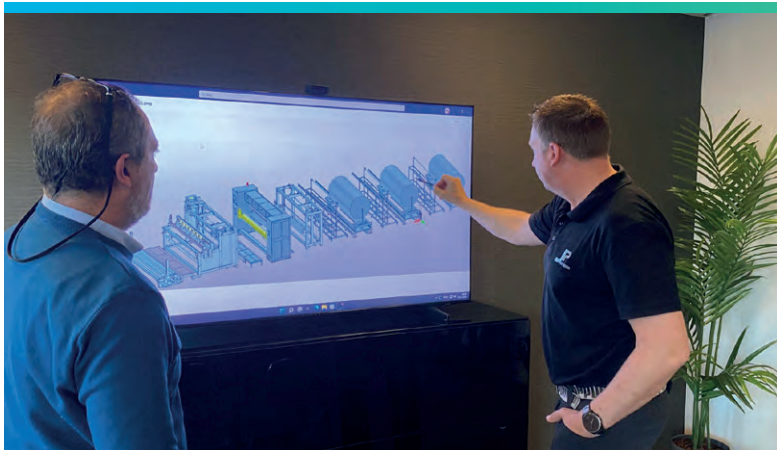
in our large 10.000 m² building. Our warehouse in Denmark is organized and managed via a highly efficient barcode system. We monitor the accuracy of our inventory by a daily and weekly cycle count program.

We inspect and test all manufactured filter media produced. We even produce and carry special custom engineered filter media



Digitization of inventory status reduces waste, optimizes workflow and minimizes error making.

*Year-Over-Year



Research & development

Our DNA is driven by innovation

Innovation is our passion. Since the company was established, our R&D team have developed creative, value-adding solutions. We focus on future, and find solutions of how to built the next new filter media, with state of the art technology. We help our customers and progress by sustainability thinking – this is a desire which drives the energy inside JP Air Tech.

By an entrepreneurial mindset, combined with engineering thought processes, we are proud of presenting our wide range of products, the new products we develop

year-over-year. Our achievements constantly motivate us to move products even further.

Innovation rarely come from a single clever mind, we are always creating new products through dedicated teamwork. We Innovate together with colleagues, customers and partners.



High performance solutions that provide clean air favor both human health and the environment. We continuously improve our products to have a longer life span, resulting in fewer replacements, less waste and a lower environmental impact.

Quality management

From incoming raw material to finish products produced, we monitor, test and document quality and tolerances. We even carry out special tests, requested by loyal customers.

As a service, we offer our in-house testing capabilities

- Air permeability
- MPPS efficiency
- Fractional efficiency
- In-line air permeability
- Microstructural characterization
- Conductivity (anti-static)
- Basis weight
- Dry matter / Moisture content
- Viscosity
- Solution conductivity
- Adhesion strength
- UV inspection
- Dust holding capacity
- Dust loading – Pulse Cleaning
- Tensile strength



Incoming Quality Control



In Process Quality Control



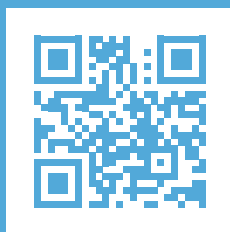
Final Quality Control



Outgoing Quality Control

" We pursue innovation - we are committed to do the right thing, creating a safe workplace for employees, supporting an environmental sustainable operation "

See more at



Tryk på GalerietArt Silk trippelbestørgtet, træfrit papir. FSC certificeret trælager. GalerietArt opfylder kravene for Svanemærkede tryksager.



JP Air Tech
Skifervej 2
DK-4990 Saksøbing
sales@jpairtech.com
www.jpairtech.com

