

A close-up photograph of gas turbine compressor blades, showing their curved, aerodynamic shape and metallic texture. The blades are arranged in a radial pattern, creating a sense of depth and perspective. The lighting is dramatic, with strong highlights and deep shadows, set against a warm orange background. A purple triangular graphic element is visible in the bottom right corner.

# Gas Turbine Air Intake Filtration Media

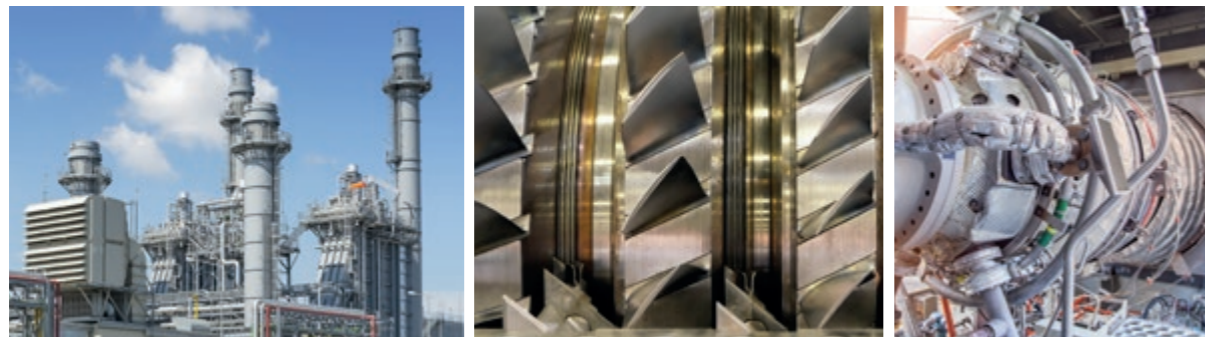
**Ahlstrom** offers a complete range of Gas Turbine Air Intake filter media to meet the specific market needs in various operational environments.

- ✔ **An effective inlet air filtration system is essential for the successful operation of a gas turbine.**

Quality of air entering the turbine is a significant factor in the performance and lifetime of the gas turbine.

- ✔ **The filtration system protects the gas turbine from harmful debris in the ambient air (dust, hydrocarbons, water and salts).**

Reducing impact of corrosion, compressor fouling, long maintenance stops and catastrophic failure.



**Ahlstrom** is a single source provider of filter media solutions for both static and pulse-jet gas turbine air intake applications. Covering the full range of filter class, our products deliver the following key benefits:

- ✔ **High level of particulate removal efficiency available for both static and pulse-jet applications** - delivering better protection of the turbine against fine dust, soot and salts.

- ✔ **Optimal level of pressure drop regardless of efficiency class and product family** - helping to maximize output and minimize energy consumption.

- ✔ **Longer filter lifetime** - optimised self-cleaning properties (pulse-jet) and extended dust holding capacity (static).

- ✔ **High level of hydrophobicity across the portfolio** - preventing liquid water ingress through the filters and extending lifetime in humid environmental conditions.

## Our Gas Turbine filter media covers the full range of Filter Classes

	Medium Filtration		Fine Filtration			EPA Filtration			HEPA Filtration	
	Filter Class EN779 - EN 2012					Filter Class EN1822				
	M5	M6	F7	F8	F9	E10	E11	E12	H13	H14
CellTech GT	■	■								
Synthetic GT			■	■	■					
Nano GT					■					
FineFiber GT			■	■	■					
Trinitex® GT	■	■	■	■	■	Trinitex® Advance				
Glass GT		■	■	■	■	■	■	■	■	■
	ePM10 > 55%	ePM10 > 70%	ePM2.5 > 55%	ePM1 > 65%	ePM1 > 75%	ePM1 > 95%				
ISO16890										

PRODUCT	Application		Full Synthetic Content	Corrugated	Recommended when pollution is	Recommended when environment is
	Pulse Jet	Static				
CellTech GT	✔	—	—	✔	Coarse Particles	Dry
Synthetic GT	✔	—	✔	✔	Coarse & Submicron Particles	Wet
Nano GT	✔	—	—	✔	Submicron Particles	Dry/Wet
FineFiber GT	✔	—	—	✔	Submicron, Urban & Industrial	Variable
Trinitex® GT	✔	✔	✔	—	Coarse / Submicron, Urban & Industrial, Salts	Wet
Glass GT	—	✔	✔	—	Submicron, Urban & Industrial, Salts	Variable

## Ahlstrom in brief

Ahlstrom is a global leader in combining fibers into sustainable specialty materials. Our purpose is to Purify and Protect, with Every Fiber, for a Sustainable World. Our vision is to be the Preferred Sustainable Specialty Materials Company for all our stakeholders. We serve five growing and distinctive end markets, which form the basis for our five divisions: Filtration, Food & Consumer Packaging, Healthcare, Building Materials, and Technical Materials. Our pro forma net sales 2021 for continuing operations amounted to EUR 2.6 billion and we employ some 7,000 people.

Read more at [www.ahlstrom.com](http://www.ahlstrom.com)

## STAY IN TOUCH

### Contact Ahlstrom Sales:

✉ [filtration@ahlstrom.com](mailto:filtration@ahlstrom.com)

[www.ahlstrom.com](http://www.ahlstrom.com)



Disclaimer: The information supplied in this document is for guidance only and should not be construed as a warranty. All implied warranties are expressly disclaimed, including without limitation any warranty of merchantability of fitness for use. All users of the material are responsible for ensuring that it is suitable for their needs, environment and end use. All data is subject to change as Ahlstrom deems appropriate.