Gas Turbine Air Intake Filtration Media

AHLSTROM

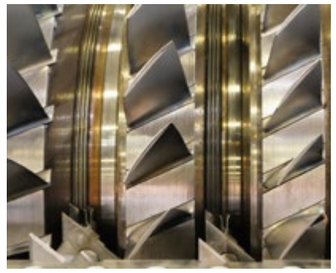
Ahlstrom offers a complete range of Gas Turbine Air Intake filter media to meet the specific market needs in various operational environments.

- **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 gas turbine air intake filtration units. 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 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** – optimized self-cleaning properties (pulse) and extended dust holding capacity (static).
- **High level of hydrophobicity across the portfolio** – preventing liquid water ingress through the filters and extending performance in humid environmental conditions.

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

	Medium Filtration		Fine Filtration			EPA Filtration			HEPA Filtration	
	Targeted Filter Class ISO 29461-1 & ISO 16890					Filter Class ISO 29461-1 & EN1822				
	T5 ePM10 50%	T6 ePM2.5 50%	T7 ePM1 50%	T8 ePM1 70%	T9 ePM1 85%	T10 / E10	T11 / E11	T12 / E12	T13 / H13	H14
CellTech GT	■									
Synthetic GT		■		■						
Nano GT				■	■					
FineFiber GT				■	■					
Trinitex® GT	■	■	■	■	■	Trinitex® Advance				
Glass GT			■	■	■	■	■	■	■	■

Ahlstrom GT portfolio

PRODUCT	Application		Full Synthetic Content	Corrugated	Recommended when pollution is	Recommended when environment is
	Pulse	Static				
CellTech GT	✓	–	–	✓	Coarse	Dry
Synthetic GT	✓	–	✓	✓	Coarse	Wet
Nano GT	✓	–	–	✓	Submicron	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. Our three Core divisions, Filtration and Life Sciences, Food and Consumer Packaging, and Protective Materials, address global trends with safe and sustainable solutions. Our net sales in 2025 amounted to EUR 2.9 billion and we employ some 7,000 people.

Read more at **www.ahlstrom.com**

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