

Ahlstrom-Munksjö in brief

Ahlstrom-Munksjö is a global leader in fiber-based materials, supplying innovative and sustainable solutions to its customers. Our mission is to expand the role of fiber-based solutions for sustainable everyday life. Our offering includes filter materials, release liners, food and beverage processing materials, decor papers, abrasive and tape backings, electrotechnical paper, glass fiber materials, medical fiber materials, diagnostics and energy storage solutions, as well as a range of specialty papers for industrial and consumer end-uses. Our annual net sales is about EUR 2.7 billion and we employ some 7,800 people.

Read more at www.ahlstrom-munksjo.com

STAY IN TOUCH

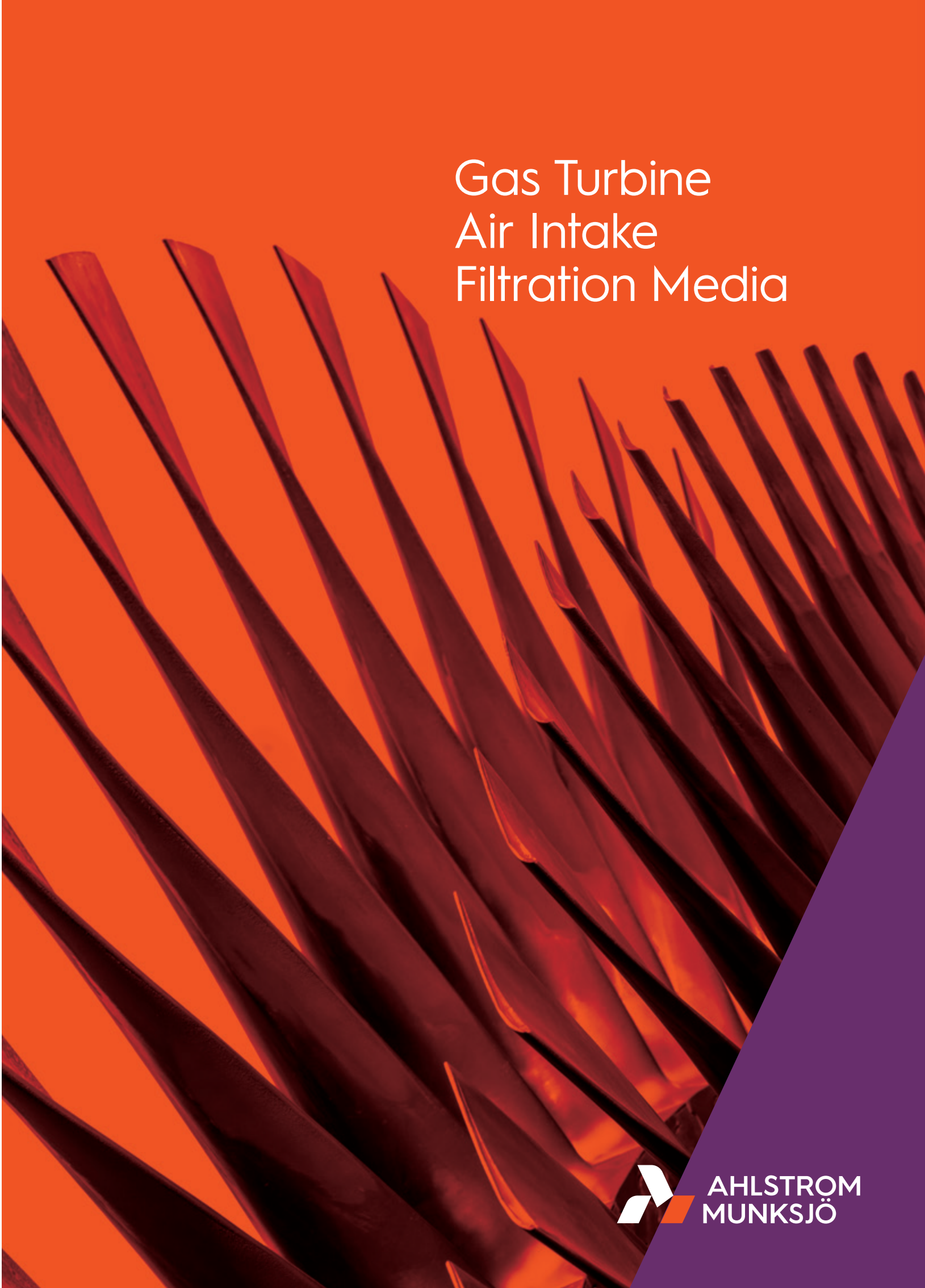
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Gas Turbine Air Intake Filtration Media



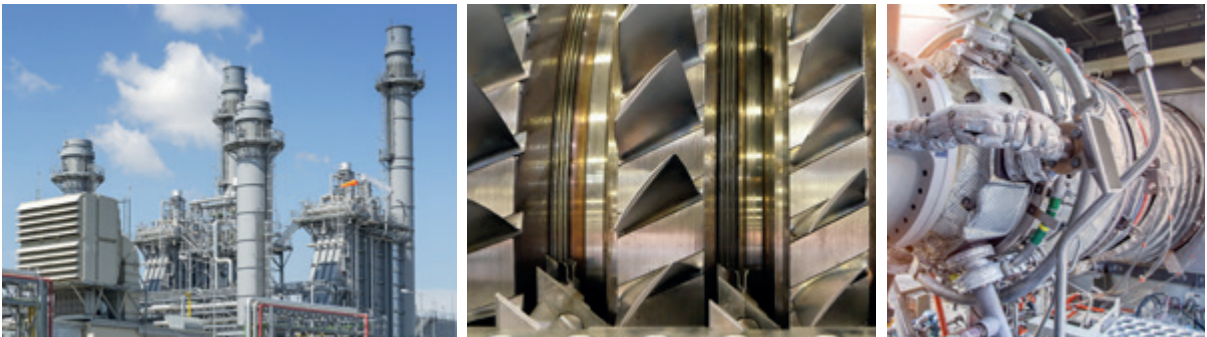
**AHLSTROM
MUNKSJÖ**

Ahlstrom-Munksjö 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-Munksjö 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