

Ahlstrom-Munksjö is a global leader in fiber-based materials, supplying innovative and sustainable solutions to customers worldwide. Our offerings include decor paper, filter media, release liners, abrasive backings, nonwovens, electrotechnical paper, glass fiber materials, food packaging and labeling, tape, medical fiber materials and solutions for diagnostics. Combined annual net sales are about EUR 2.15 billion and we employ 6,000 people. The Ahlstrom-Munksjö share is listed on the Nasdaq Helsinki and Stockholm. The company was formed on April 1, 2017 through the merger of Ahlstrom Corporation and Munksjö Oyj. Read more at www.ahlstrom-munksjo.com

STAY IN TOUCH

Contact Ahlstrom-Munksjö Sales:
✉ filtration@ahlstrom-munksjo.com

www.ahlstrom-munksjo.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-Munksjö deems appropriate.

© Ahlstrom-Munksjö 2018



Gas Turbine Air Intake Filtration Media



**AHLSTROM
MUNKSJÖ**

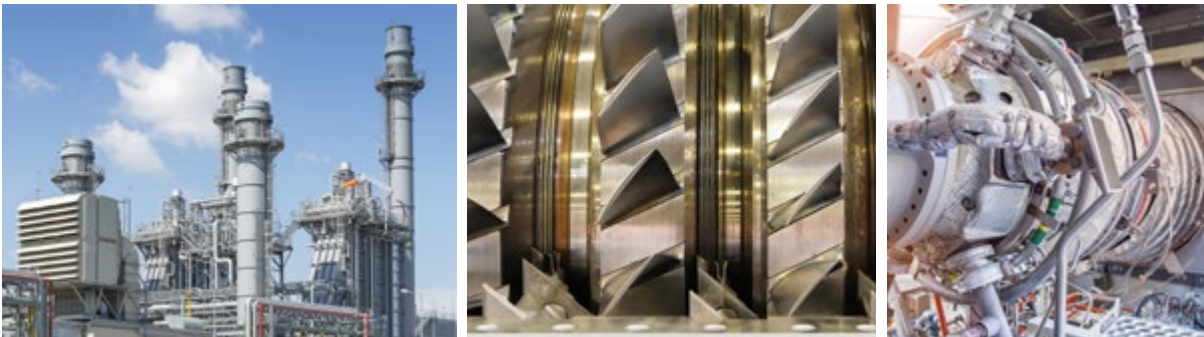
Ahlstrom-Munksjö offers a complete range of Gas Turbine Air Intake filter media to meet the specific market needs in various operational environments.

- ✔ **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

Filter Class (EN779 & EN 1822)

PRODUCT	Medium Filtration		Fine Filtration			EPA Filtration			HEPA Filtration	
	M5	M6	F7	F8	F9	E10	E11	E12	H13	H14
CellTech GT										
Synthetic GT										
Nano GT										
FineFiber GT										
Trinitex® GT						Trinitex® Advance				
Glass GT										

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 Particles	Wet
Nano GT	✔	—	—	✔	Submicron Particles	Dry
FineFiber GT	✔	—	—	✔	Submicron, Urban & Industrial	Variable
Trinitex® GT	✔	✔	✔	—	Coarse / Submicron, Urban & Industrial, Salts	Wet
Glass GT	—	✔	✔	—	Submicron, Urban & Industrial, Salts	Variable