

# Ahlstrom Trinitex® GT

Pulse-jet and static filtration media for gas turbines operating in humid environments with fine pollution.

**Quality of air entering the turbine is a significant factor in the performance and lifetime of the gas turbine. Ahlstrom offers a complete range of filtration media developed for gas turbine applications, to meet specific market needs in various operational environments.**

The Ahlstrom **Trinitex® GT** portfolio is based on our proprietary and patented 3-layer wetlaid technology platform, enhanced with a unique surface treatment.

With a unique full synthetic structure, it combines very low pressure drops with high hydrophobicity and excellent mechanical resistance.

Ahlstrom **Trinitex® GT** delivers extended lifetime in all demanding environmental conditions.

## Benefits

- ✔ **Complete range of efficiency** – for the highest protection of the gas turbine.
- ✔ **Excellent filtration performance** – plus durability in humid conditions.
- ✔ **Lowest pressure drop** – to minimize energy consumption.
- ✔ **Extended filter lifetime** – in static or pulse jet configuration.

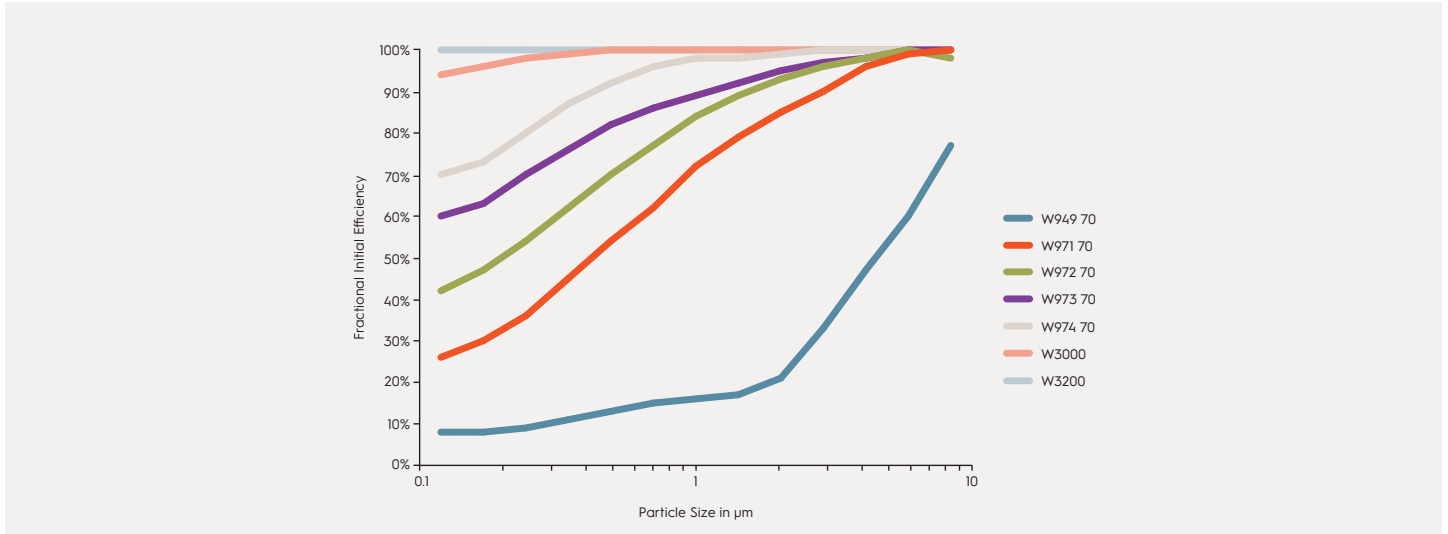
## Ahlstrom Trinitex® GT

**Trinitex® GT** offers a wide range of efficiencies from Coarse 90% to ePM1 85% (ISO16890), and now extended to H12 (EN1822) with the new Trinitex® Advance range. The products deliver effective filtration of different types of pollution, from coarse particles in rural areas to very fine particles in urban environments.

This portfolio is characterized by a very high level of water/oil repellency which limits pressure drop peaks during periods of high humidity and prevents penetration of liquid ingress for a better protection of the gas turbine. All these elements, combined with very high mechanical resistance, make **Trinitex® GT** portfolio an ideal choice for humid environments and marine/offshore applications.

**Trinitex® GT** products are recommended for both static and pulse jet applications, as extended dust holding capacity and excellent pulse-jet cleaning behavior deliver longer filter lifetime in all demanding environmental conditions.

### A filter media for each pollution characteristics (ISO16890)



### Trinitex® GT - Medium and Fine Efficiency Range

Grades	Basis Weight	Efficiency Class		Thickness	Air Permeability	MD Tensile	MD Stiffness
	g/m <sup>2</sup>	EN779-2012	ISO16890	µm	L/m <sup>2</sup> /s @200 Pa	N/m	g
<b>W949 70</b>	70	M5	Coarse 90%	620	1600	2000	0.4
<b>W971 70</b>	70	M6	ePM10 75%	560	500	2000	0.4
<b>W972 70</b>	70	F7	ePM1 55%	560	350	2000	0.5
<b>W973 70</b>	70	F8	ePM1 70%	530	270	2000	0.5
<b>W974 70</b>	70	F9	ePM1 80%	500	180	2000	0.5

### Trinitex® Advance - EPA Efficiency Range

Grades	Basis Weight	Efficiency Class	Thickness	Air Permeability	MD Tensile	MD Stiffness
	g/m <sup>2</sup>	EN1822	µm	L/m <sup>2</sup> /s @200 Pa	N/m	g
<b>W3000</b>	85	E10	550	120	2500	0.7
<b>W3200</b>	115	E12	850	35	2500	1.0

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.