

Ahlstrom-Munksjö 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-Munksjö offers a complete range of filtration media developed for gas turbine applications, to meet specific market needs in various operational environments.

The Ahlstrom-Munksjö **Trinitex® GT** portfolio is based on our proprietary and patented 3-layer wetlaid technology platforms, enhanced with a unique hydro/oleo phobic surface treatment.

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

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

Benefits

- ☉ **Complete range of efficiency** – for the highest protection of the gas turbine.
- ☉ **Lowest pressure drop** – minimize energy consumption even in wet conditions.
- ☉ **Extended filter lifetime** – in static or pulse jet configuration.
- ☉ **Durability in challenging environments** – recommended for coastal & offshore applications.

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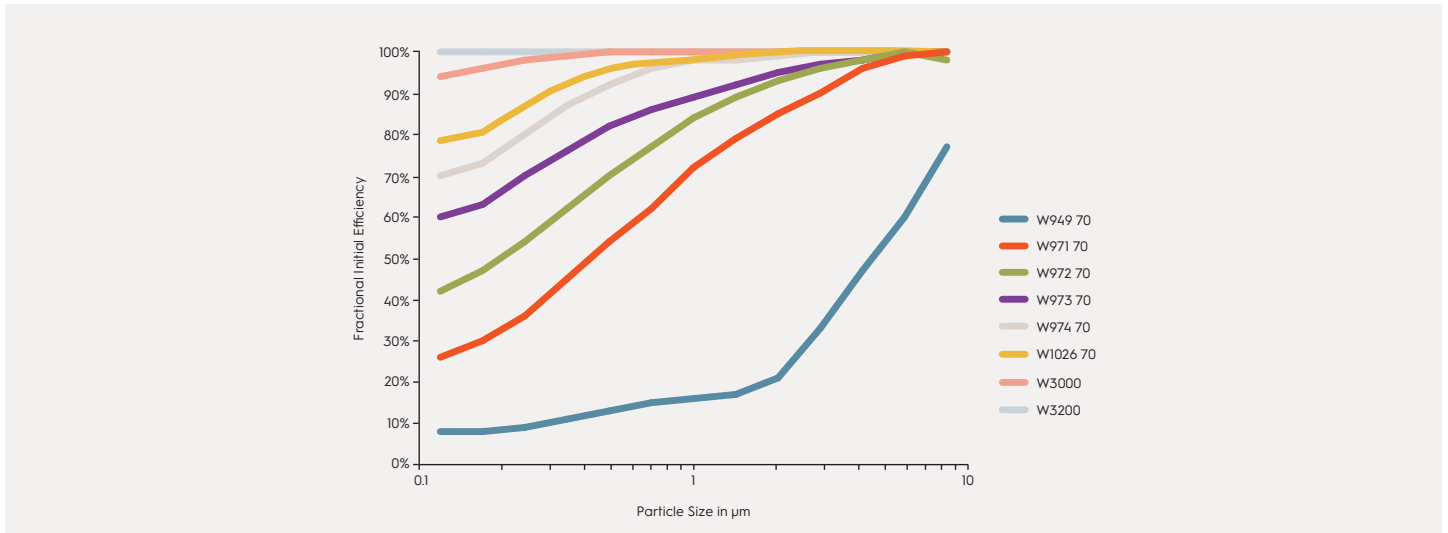
Ahlstrom-Munksjö Trinitex® GT

Trinitex® GT offers a wide range of efficiencies from Coarse 90% to ePM1 85% (ISO16890), and now extended to E12 (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 ²	EN779-2012	ISO16890	µm	L/m ² /s @200 Pa	N/m	g
W949 70	70	M5	Coarse 90%	620	1600	2000	0.4
W971 70	70	M6	ePM10 75%	560	500	2000	0.4
W972 70	70	F7	ePM1 55%	560	350	2000	0.5
W973 70	70	F8	ePM1 70%	530	270	2000	0.5
W974 70	70	F9	ePM1 80%	500	180	2000	0.5
W1026 70	70	F9	ePM1 85%	500	160	2300	5.0

Trinitex® Advance - EPA Efficiency Range

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

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