

Ahlstrom-Munksjö Glass GT

Static filtration media for gas turbines operating in variable weather conditions with fine and heavy 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.

Ahlstrom-Munksjö **Glass GT** portfolio is based on our microfiber technology platform, mixing glass, synthetic fibers and a specific surface treatment.

With a customizable structure, it combines high filtration efficiency with low pressure drop, plus extended dust holding capacity for longer service intervals.

Ahlstrom-Munksjö **Glass GT** delivers high protection and longer filter lifetime in most environmental conditions.

Benefits

- ✓ Complete range of efficiency for optimal protection against smallest particles.
- ✓ Top repellency preventing ingress of water or oil droplets in the turbine.
- ✓ Extended dust holding capacity even with challenging dusts.
- ✓ Excellent pleatability performances.
- ✓ Customization on demand.

Ahlstrom-Munksjö Glass GT

Ahlstrom-Munksjö **Glass GT** offer covers a wide range of efficiencies from ePM1 70% (ISO16890) to H13 (EN1822). Portfolio is characterized by a very high level of water/oil repellency to prevent liquid ingress and to better protect the turbine against corrosion and fouling.

Fine filtration media have been developed with a unique double layer gradient structure, delivering improved dust holding capacity and longer duration between service intervals. EPA/HEPA filtration media have been developed to optimize the ratio of efficiency / pressure drop and significantly reduce energy consumption of the filtration unit.

SYN products contains a high content of synthetic fibers and are recommended to customers looking for higher mechanical resistance and improved pleating performance.

Glass GT – Fine Efficiency Range

	Basis Weight	Efficiency Class		Thickness	Pressure Drop @ 5.3 cm/s	MD Tensile	MD Stiffness
Grades	g/m ²	EN779-2012	ISO16890	µm	Pa	N/m	g
HWRDF801	78	F8	ePM1 70%	500	38	1500	1.1
SYNDF801	78			490	38	2100	0.9
HWRDF901	78	F9	ePM1 80%	500	57	1500	1.1
SYNDF901	78			490	57	2100	0.9

Glass GT – EPA/HEPA Efficiency Range

	Basis Weight	Efficiency Class	Thickness	Pressure Drop @ 5.3 cm/s	MD Tensile	MD Stiffness
Grades	g/m ²	EN1822	µm	Pa	N/m	g
HWRH1001	72	E10	81	95	1500	1.0
SYNH1003	81		81	95	2100	1.0
HWRH1101	72	E11	81	170	1500	1.0
SYNH1103	81		81	125	2100	1.0
HWRH1201	72	E12	81	245	1200	1.0
SYNH1201	81		81	260	2100	1.0
HWRH1301	72	H13	81	265	1200	1.0
SYNH1301	81		81	300	2100	1.0

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