

Ahlstrom Flow2Save™

Purifying air, protecting personal health and increasing comfort

Quality of air in residential and commercial buildings is a major public health and safety challenge. Ahlstrom filtration media for Heating, Ventilation and Air Conditioning (HVAC) applications, protect people and processes from harmful pollutants in ambient air, reducing the risk of airborne contamination and increasing the comfort of life.

Ahlstrom **Flow2Save™** features a 100% synthetic, patented gradient structure, enhanced with nano fibers to deliver superior energy efficiency and dust holding capacity.

A premium choice for **panel and compact filters, Flow2Save™** meets fine particle filtration needs in residential, commercial, and industrial HVAC units.

Benefits

- ✓ **Covers main filtration efficiency needs**
– from ePM1 60% to ePM1 80% rating (ISO16890)
- ✓ **Extended filter lifetime element** – slower pressure build up and high DHC
- ✓ **Optimized energy consumption** – effectively removes fine particles at lower pressure drop for a given efficiency
- ✓ **Easy handling and converting media** – glass-free and 100% synthetic composition
- ✓ **PFAS-free grades**

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Flow2Save™ portfolio delivers outstanding energy efficiency while meeting ISO 16890 standards **from ePM1 60% to ePM1 80%**. Its engineered gradient structure integrating nanofibers, ensures **low pressure drop, high dust holding capacity, and significant energy savings** compared with traditional filter media.

This range provides **longer service life, reduced operating costs, and consistent indoor air quality** throughout the filter’s lifecycle. Designed as a **flexible and robust material**, it offers excellent pleatability and processing behavior, suitable for both blade and rotary pleaters. With superior mechanical strength, the media minimizes the risk of failure during handling, installation, and use – making it an **ideal choice for customers seeking durability, sustainability, and best in class energy efficiency**.

Key Grade Characteristics

	Basis Weight	Thickness @0.5 kPa	Targeted Efficiency Class	Air Permeability	MD Tensile	MD Stiffness
Grades	g/m²	µm	ISO16890	L/m2/s @ 200 Pa	N/m	g
F2S-PM160	110	900	ePM1 60%	650	3000	0.7
F2S-PM170	110	900	ePM1 70%	500	3000	0.7
F2S-PM180	110	900	ePM1 80%	370	3000	0.7

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