

Ahlstrom Pleat2Save[®]

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 **Pleat2Save**[®] consists of a wide range of 100% mechanical filtration solutions with high synthetic fiber content to reach superior pleating performance and mechanical strength compared with traditional glass microfiber media.

A premium choice for panel and compact filters able to cover coarse and fine particles filtration needs in residential, commercial and industrial HVAC units.

Benefits

- ✓ **Wide range of efficiency** – from ePM10 55% to ePM1 80%.
- ✓ **Optimal pleating performance** – delivering production savings, on both blade and rotary pleaters.
- ✓ **Optimal mechanical strength and durability** – even in wet environments.
- ✓ **Excellent dust holding capacity and low pressure drop** – extending service intervals and reducing energy consumption.

Ahlstrom Pleat2Save®

Pleat2Save® is a 3-layer filter media with superior uniformity and outstanding mechanical strength, even when wet or after folding. Our global portfolio delivers superior processing performance and stability compared with the market standard glass microfiber media, allowing faster machine set up, higher pleat packs and important cost savings during the manufacturing of the filter.

A flexible and resilient material suitable for both blade and rotary pleaters reducing the risk of failure during handling, installation, and usage. An excellent choice for the customer looking for minimal glass shedding and best durability in all conditions of use.

Key Grade Characteristics

Grades	Basis Weight	Thickness	Targeted Efficiency Class		Pressure Drop @ 5.3 cm/s	Air efficiency @ 0,3µ 5.32 cm/ sec	MD Tensile	MD Stiffness
	g/m ²	µm	ISO16890	EN779:2012	Pa	%	N/m	g
P2S-M5	65	540	ePM10 55%	M5	14	18	1900	0.6
P2S-M6	65	520	ePM10 70%	M6	20	28	1800	0.5
P2S-PM155	65	500	ePM1 55%	F7	38	45	1800	0.5
P2S-F8	65	480	ePM1 70%	F8	50	60	1800	0.5
P2S-F9	65	480	ePM1 80%	F9	60	75	1800	0.5

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