

Ahlstrom CellTech APC

Cellulose base media for Air Pollution Control cartridges used in dry environment with coarse particles

Air pollution control (APC) and dust collection filter media are used in a wide range of industrial applications to reduce or eliminate the emission of particles into the atmosphere, protecting people and environment.

The Ahlstrom **Celltech APC** portfolio consists of a blend of cellulose/synthetic media and is produced on our global filtration production platforms.

With a self-supported structure, Ahlstrom **CellTech APC** combines leading performance in pleatability, with excellent durability and effective filtration of coarse particles.

Ahlstrom **Celltech APC** delivers an adequate solution for APC applications with a long filtration lifetime in dry environments.

Benefits

- ✔ **M class according to EN60335** – delivering high protection against coarse particles.
- ✔ **Optional flame retardant features** – delivering better protection when sparkles can occur.
- ✔ **Excellent pulse jet durability** – delivering longer time between service intervals.
- ✔ **High corrugation** – offering ideal performance for pleatability.
- ✔ **Flexible manufacturing capability** – in US, Asia and EMEA.

Ahlstrom CellTech APC

CellTech APC is widely recognized around the world to be a benchmark in terms of processing on rotary pleaters, durability and pulse-jet cleaning behavior.

53/40 references are our main CellTech APC offering, reaching ePM10 65% according the ISO 16890 standard and M class according to EN60335. These grades deliver adequate efficiency in standard industrial applications on coarse particles in dry conditions (typically coarse sand blasting...). In addition, our unique blend of synthetic and cellulose fibers delivers lower pressure drop, better dust holding capacity, good mechanical resistance face to intensive pulse jet cleaning stress, and consistent performance during short periods of high humidity.

CellTech APC grades are also available in a Flame Retardant version, reaching F1 according to ISO53468. This limits the risks in applications where sparkles can occur.

	Basis Weight	Efficiency		Thickness	Corrugation	Air Permeability	Stiffness MD	Flame Retardant
Grades	g/m ²	EN60335	ISO16890	µm	µm	L/m ² /s @200 Pa	g	yes/no
BF 53/40 E PE K WB2-G	130	M	ePM10 65%	330	380	170	4.0	No
BF 53/40 PE K WB2 AU F1-G	135	M	ePM10 65%	370	430	185	4.5	Yes

Contact Ahlstrom Sales: ✉ filtration@ahlstrom.com

www.ahlstrom.com



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