Ahlstrom CellTech APC

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

Air pollution control (APC) filter media play a critical role in reducing emissions and ensuring safe operation across various industrial environments.

The Ahlstrom **Celltech APC** portfolio consists of cellulose/ synthetic fiber blends produced on our global filtration platforms.

Its self supported structure delivers **reliable pleatability, durability under pulse jet cleaning,** and **effective coarse particle removal.**

Ahlstrom CellTech APC provides a robust and dependable solution for dry APC environments.

Benefits

- **L class according to EN60335** – providing reliable coarse particle protection
- **Optional flame retardant features** – improving safety where spark events may occur
- **Excellent pulse jet durability** – enabling longer service intervals
- **High corrugation** – ensuring stable and efficient pleating
- **Flexible manufacturing capability** – available in US, Asia, and EMEA

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Ahlstrom **CellTech APC** is widely recognized globally for its performance on rotary pleaters, robustness under pulse jet cleaning, and stable behavior when exposed to short periods of increased humidity. The 53/40 references form the core of our offering, reaching ePM10 65% according to ISO16890 and L Class according to EN60335. These grades deliver reliable efficiency in standard APC applications involving coarse dust in dry conditions, such as sand blasting or general industrial dust capture.

The cellulose/synthetic blend ensures **lower pressure drop, higher dust holding capacity,** and **good mechanical resistance**, supporting long filter lifetimes under repeated pulse jet cleaning cycles. Flame retardant versions (ISO 53468 F1) are available to mitigate risks where spark events can occur.

Ahlstrom CellTech APC - Key Grade Characteristics

PFAS-free grades available upon demand.

	Basis Weight	Efficiency		Thickness	Corrugation	Air Permeability	Stiffness MD	Flame Retardant
Grades	**g/m²**	**EN60335**	**ISO16890**	**µm**	**µm**	**L/m²/s @200 Pa**	**g**	**yes/no**
BF 53/40 E PE K WB2-G	130	L	ePM10 65%	350	400	150	4.0	No
BF 53/40 PE K WB2 AU F1-G	135	L	ePM10 65%	380	430	200	3.5	Yes

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