

Ahlstrom-Munksjö Extia® 1000

Extended Filtration Lifetime for Air Pollution Control

Extia® has the ability to extend filtration lifetime, whilst effectively removing coarse particulates at a lower level of pressure drop.

Created by Ahlstrom-Munksjö specifically for Industrial Filtration markets, Extia® is a 100% synthetic, highly durable, pulse cleanable filter media, designed to last longer in all operating conditions.

Extia®1000 is positioned for dust filtration cartridge applications, helping to protect people and the environment.

Benefits

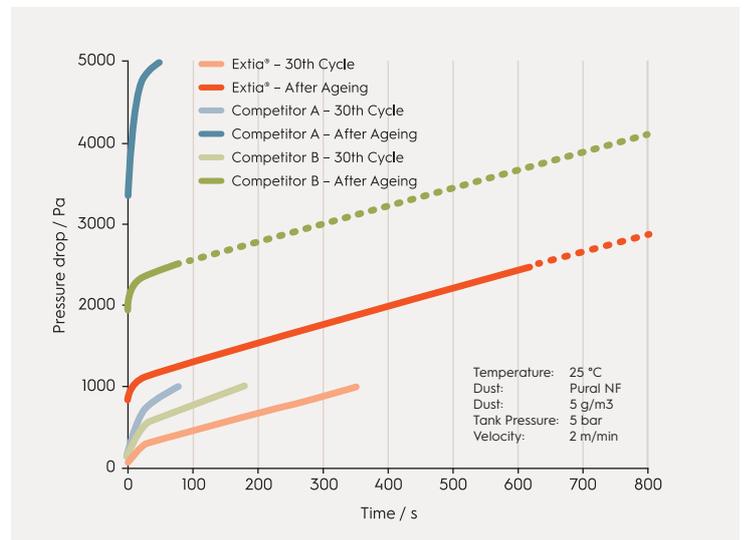
- ✔ **Extends filtration lifetime by over 40%** - helping to extend the operational duration before needing to change the filters
- ✔ **Effectively removes coarse particulates, over total filter life, at a lower level of pressure drop** - delivering better reduction of industrial emissions and energy saving
- ✔ **Easier to convert into a filter** - delivering faster knife pleating, plus offering suitability for rotary pleating

1. Extended filtration lifetime

- Delivers > 40% longer* cycle time after ageing cycle, offering longer useful filtration lifetime
- Unrivalled pulse-jet cleaning properties (ISO 11057)
- Much more homogeneous cake formation due to absence of point bonding on Extia® 1000

Testing		Extia® 1000	Competitor A	Competitor B
Cycle time, [s]	After 30 cycles to 1000 Pa	359	80	188
	Estimated to 5000 Pa after ageing	1766	45	1176

*Delivers > 40% longer cycle time after ageing cycle versus competitor B



All test data generated externally by third party test laboratory in Germany.

2. Effectively removes coarse particulates, over total filter life, at 3 times^ lower level of pressure drop

Testing		Extia® 1000	Competitor A	Competitor B
Residual Pressure Drop, [Pa]	After 30 cycles	71	140	135
	After ageing	819	3398	1928

^3 times lower pressure drop after ageing cycle versus competitors

3. Easier to convert into a filter

- Extia® 1000 offers higher stiffness, resulting in better pleat stability, making pleating easier
- Delivering faster knife pleating, plus offering suitability for rotary pleating



Physical properties

	Basis Weight	Efficiency Class	Thickness	Air Permeability	Burst Strength	MD Stiffness
Grades	g/m ²	EN779-2012	µm	L/m ² /s @200 Pa	kPa	mg
Extia® 1000	210	M6	600	222	1785	3300

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