

Airpocket Pro ATEX

Product Range



Features



EX

Applications



Filter Class

ePM1

ePM10

Coarse



KEY FACTS

- Filter series compliant with the European directive ATEX 2014/34/EU
- Particle filtration and gas adsorption in one filter element
- Removes odors and harmful gases

DESIGN

Multi-layered media, tailored-sewn into pockets with sealed, conical spacer seams for an optimal V-shape. A galvanized steel frame provides rigidity.

APPLICATIONS

For special air conditioning and ventilation systems in food, chemical and pharmaceutical industries, where demanding requirements for explosive atmospheres need to be met.



The filters used in the application areas are electrically conductive and comply with the European ATEX directive 2014/34/EU for products used in explosive atmospheres.

OPTIONS

Header depth	25 or 20 mm
Gasket	EPDM flat gasket

SPECIFICATION

Recommended air flow	Flow rate $\pm 15\%$	Rec. final pressure for efficient energy use acc. to EN 13053	Lowest value of initial pressure drop + 100 Pa, or initial pressure drop x 3
Heat resistance	< 30 °C (Peak 50 °C)	Moisture resistance	< 60 % (max. < 90 %)
Regenerable	No	Incinerable	No

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ATEX

PERFORMANCE DATA

Article No.	Filter Class	Dimensions	Pockets	Flow Rate	Pressure Drop*
	ISO 16890	mm		m ³ /h	Pa
800391055122	Coarse 80%	592 x 592 x 600	6	3400	70
800391055123	Coarse 80%	490 x 592 x 600	5	2800	70
800391054598	Coarse 80%	287 x 592 x 600	3	1700	70
800391060759	Coarse 80%	287 x 287 x 600	3	850	70
800391059499	ePM10 75%	592 x 592 x 635	8	3400	90
800391062699	ePM10 75%	490 x 592 x 635	6	2800	90
800391062700	ePM10 75%	287 x 592 x 635	4	1700	90
800391062701	ePM10 75%	287 x 287 x 635	4	850	90
800391047759	ePM1 60%	592 x 592 x 635	8	3400	140
800391053878	ePM1 60%	490 x 592 x 635	6	2800	140
800391053879	ePM1 60%	287 x 592 x 635	4	1700	140
800391053880	ePM1 60%	287 x 287 x 635	4	850	140
800391054279	ePM1 80%	592 x 592 x 635	8	3400	215
800391057109	ePM1 80%	490 x 592 x 635	6	2800	215
800391057110	ePM1 80%	287 x 592 x 635	4	1700	215
800391057112	ePM1 80%	287 x 287 x 635	4	850	215

* Pressure drop tolerance ± 10%

ZONE AUTHORIZATION

Filters are authorized, depending on their filtration classes, for use in the following zones with the listed flammable substances.

Substance	Zone	Explosion Group
Dust	Zone 20, Zone 21, Zone 22	IIIA – Flammable lints and flocculation IIIB – Isolating, non-conductive dust
Gases	Zone 0, Zone 1, Zone 2	IIA – Diesel, petrol, ethane, etc IIB – Town gas, ethylene, etc