

Polyester fibre filter media



Product
Material
Supply

FP
Heat-set synthetic polyester fibres
Rolls

SPECIFICATIONS

Polyester fibre filter media, model FP, consisting of regenerable heat-set synthetic polyester fibres, with progressive labyrinthine structure.

FUNCTIONS

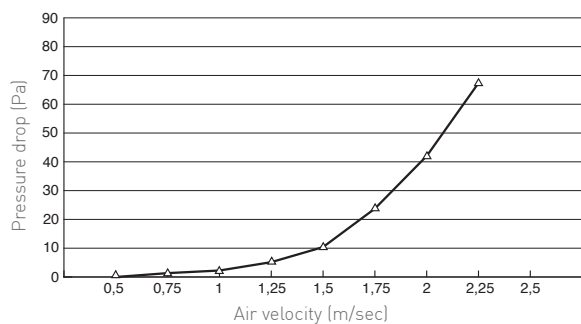
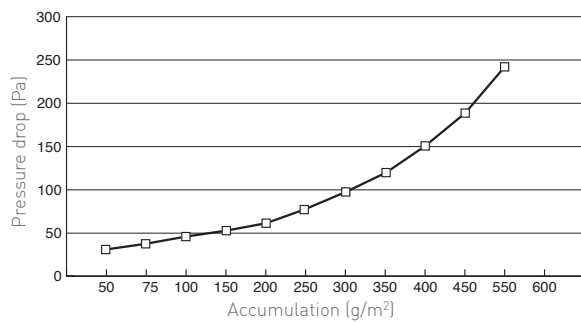
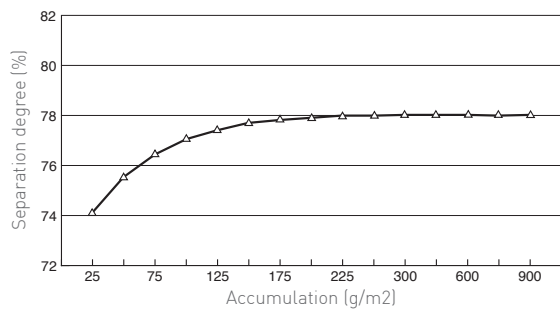
Coarse filtration in civil and industrial systems.

APPLICATIONS

Atmospheric air filtration in air conditioning and ventilation systems, pre-filtration in painting systems, as a second stage in paint booth air exhaust for the collection of paint overspray.

PERFORMANCE CURVES

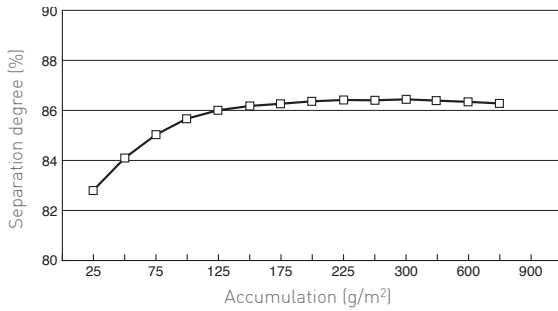
FP 100



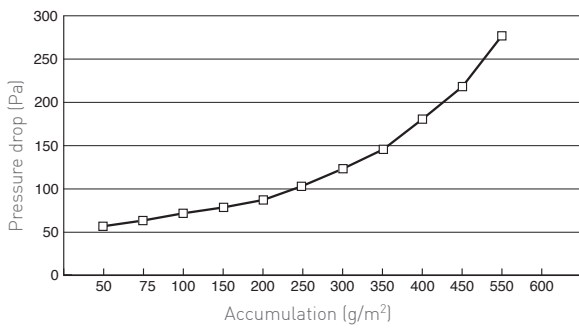


PERFORMANCE CURVES

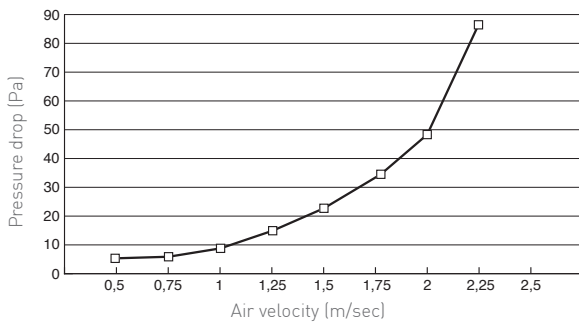
FP 150



Efficiency as a function of dust supplied to the filter
 $v = 1.5$ m/sec.



Pressure drop as a function of dust supplied to the filter



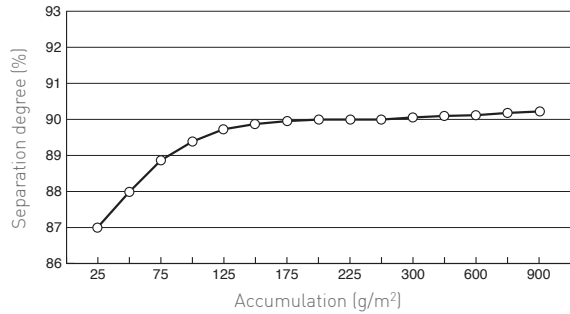
Pressure drop as a function of air velocity

SERIE FP

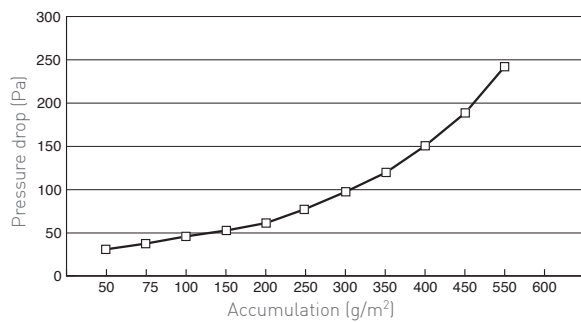
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PERFORMANCE CURVES

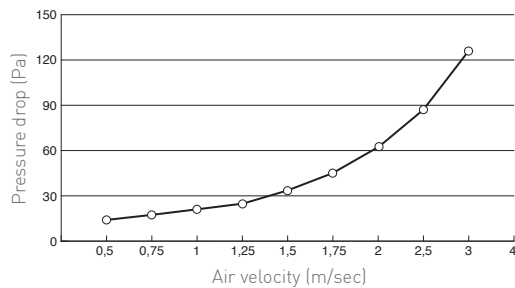
FP200



Efficiency as a function of dust supplied to the filter
 $v = 1.5$ m/sec.



Pressure drop as a function of dust supplied
to the filter



Pressure drop as a function of air velocity

INSTALLATION

FP filter media installation is carried out within suitable galvanized steel sheet frames. The media can be arranged flat or corrugated to increase the filter surface area for the same front surface.

MAINTENANCE

The filter must be regenerated or replaced when the recommended final pressure drop is reached or at the maximum indicated limit. This model has limited regenerability.

DISPOSAL

This type of filter is built with inert materials that, if not contaminated by toxic-harmful substances from use, can be disposed of as municipal solid waste.



DIMENSIONS

Model	Wt. per unit area	Thickness	Efficiency	Class of filtration	Class of filtration	Capacity accumulation dust	Behaviour to flame	Roll H x L
	g/m ²	mm	%	EN 779	ISO 18690	g/m ²	DIN 53428	m
FP 100	100	9	78	G2	ISO coarse 30%	320	Self-extinguishing F1	1 x 40
	100	9	78	G2	ISO coarse 30%	320	Self-extinguishing F1	1,5 x 40
	100	9	78	G2	ISO coarse 30%	320	Self-extinguishing F1	2 x 40
FP 150	150	15	86,5	G3	ISO coarse 45%	440	Self-extinguishing F1	1 x 30
	150	15	86,5	G3	ISO coarse 45%	440	Self-extinguishing F1	1,5 x 30
	150	15	86,5	G3	ISO coarse 45%	440	Self-extinguishing F1	2 x 30
FP 200	200	20	90,1	G4	ISO coarse 60%	494	Self-extinguishing F1	1 x 30
	200	20	90,1	G4	ISO coarse 60%	494	Self-extinguishing F1	1,5 x 30
	200	20	90,1	G4	ISO coarse 60%	494	Self-extinguishing F1	2 x 30