



FOGN

Corrugated filter with synthetic filter medium





FOGN synthetic corrugated filter



Versions

FOGN (standard version)

With galvanised frame and meshes, synthetic filter medium

FOGN/X

With AISI 304 stainless steel frame and meshes, synthetic filter medium

FOGN/A

With aluminium frame and expanded aluminium meshes, synthetic filter medium

General features

FOGN filters comprise a galvanised sheet metal frame, and a filter medium in white synthetic material between two 12x24 electrowelded galvanised meshes.

The filter medium used in the **FOGN** filter generates low pressure drops and is the ideal solution for pre-filtration upstream of high efficiency filters.

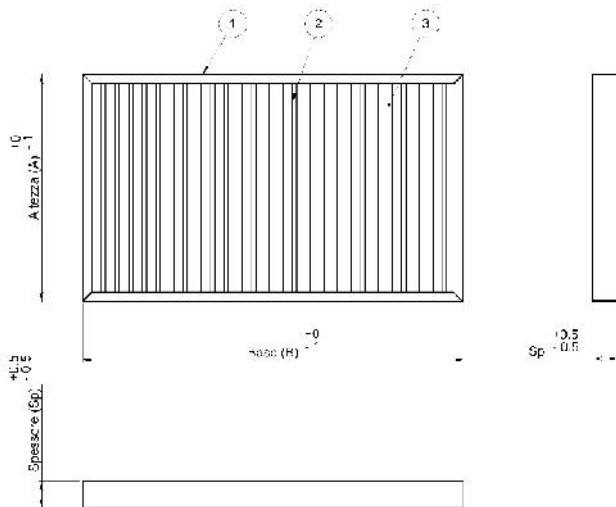
Thanks to a defined corrugated shape of the filtering medium, the **FOGN** filter can guarantee a high filtering surface with consequent reduction of pressure drops compared to units with equal front surface.

Application

Pre-filtration and separation of coarse dust particles. Residential and industrial ventilation and air-conditioning systems. Air treatment units, compressed air generators.



Dimensions



Key

- 1) Galvanised sheet metal frame
- 2) Electrowelded galvanised retainer meshes, size 12x24
- 3) Synthetic filter medium

Specification data

Specification data for order

- Quantity
- Base (B)
- Height (H)
- Thickness (Sp) – *Standard thickness 48 and 98*

Standard packaging

Dimensione Filter	Pallet dimensions	Box dimensions	Quantity of filters per box	Box weight	Pieces per pallet	Boxes per pallet
mm	cm	mm	no.	kg	no.	no.
400x400x48	120x80x226H	805x495x405	20	18	200	10
500x400x48	120x100x225H	505x492x400	10	10	200	20
625x400x48	120x100x225H	805x495x405	10	12	200	20
500x500x48	120x100x220H	505x500x505	10	11	160	16
625x500x48	120x100x220H	630x500x505	10	13.5	160	16
592x592x48	120x100x260H	600x495x600	10	15	160	16
592x490x48	120x100x260H	600x495x600	12	16	192	16
592x287x48	120x100x230H	600x495x293	10	9.5	280	28
530x500x48	120x100x210H	505x500x505	10	12	160	16
800x500x48	120x100x260H	505x500x505	10	17	100	10
400x400x98	120x80x226H	805x495x405	10	16	100	10
500x400x98	120x100x225H	505x492x400	5	9	100	20
625x400x98	120x100x225H	805x495x405	5	11	100	20
500x500x98	120x100x220H	505x500x505	5	10	80	16
625x500x98	120x100x220H	630x500x505	5	11.5	80	16
592x592x98	120x100x260H	600x495x600	5	15	80	16
490x592x98	120x100x260H	600x495x600	6	16.5	96	16
592x287x98	120x100x230H	600x495x293	5	9.5	140	28

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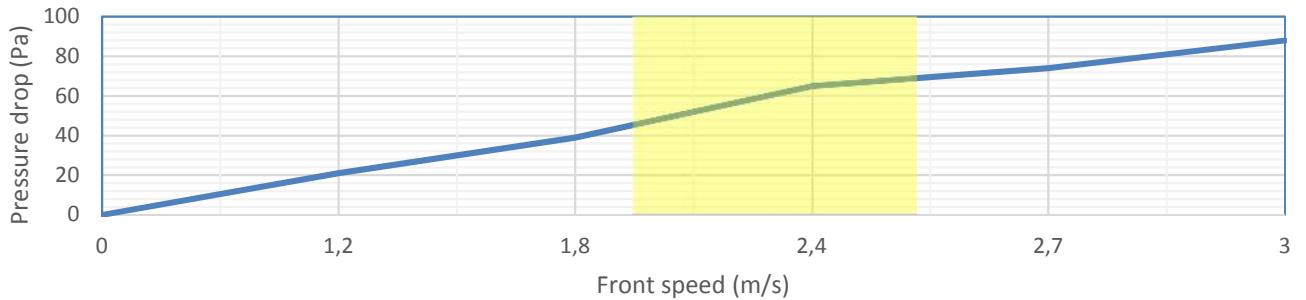


Functional data

Classification (EN ISO 16890:2016)	ePM₁₀ 50%	Test report no. 1810 issued by CTSL
Classification (EN 779:2012)	G4	
Maximum operating temperature	80	°C
Recommended final pressure drop	250	Pa
Fire behaviour	F1	DIN 53438-3

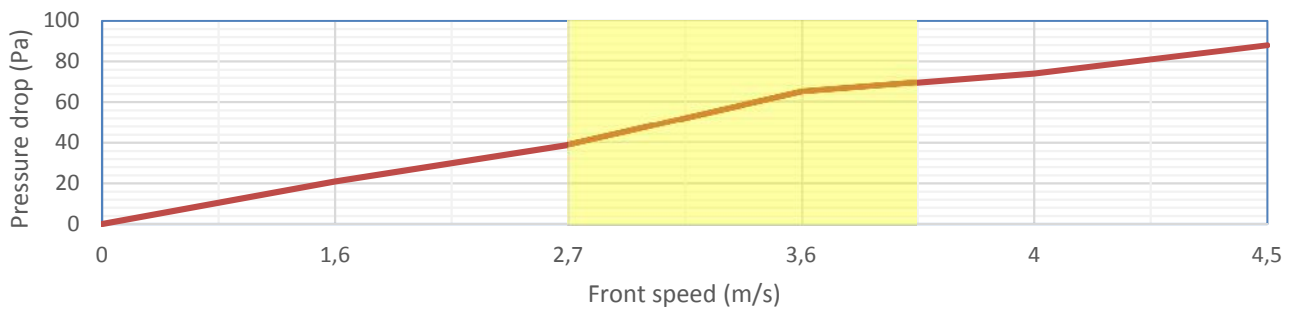
Pressure drop graph depending on speed

Pressure drop depending on front speed on filter



Graph applies for filters with thickness of 48 mm

Pressure drop depending on front speed on filter



Graph applies for filters with thickness of 98 mm

Recommended field of application
Remember that the figures provided are purely guideline.