

Glass fibre mats

COALESCER 4"

Water droplets separation media



Coalescer 4"	
Middle water droplets separation efficiency at diameter 2-5 µm	95%
Filter class acc. to ISO 16890	ISO Coarse 30%

Operating conditions:	
Max. humidity resistance	100%
Max. temperature	100°C
Recommended final pressure drop	250 Pa
Potential nominal air flow (short term usage possible)	1,25 x nominal air flow
Fire behaviour	DIN 53438 - 3 (F1)

Media

Glass fibres

Media color



WHITE (raw air side)

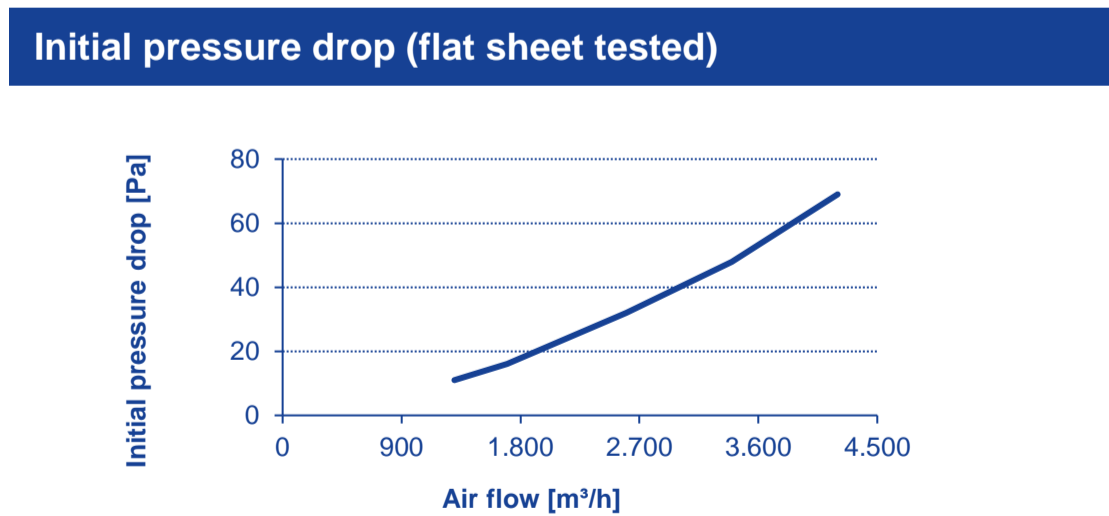
WHITE (clean air side)



Store in a dry place, protect from direct sunlight.
Storage temperature between 15°C and 25°C.
Humidity during storage between 30% and 70% RH.
Shelf life: max.12 months from the delivery date.
Storage and transport in the original packaging, no pressure points may generated during storage.

Technical data:		
Filter area	[m ²]	1
Material thickness approx.	[mm]	100
Recommended nominal air flow	[m ³ /h/m ²]	3.600 - 9.000
Air velocity	[m/s]	1 - 2,5
Initial pressure drop (measured at air velocity on a flat sheet 610 x 610 mm)	[Pa]	50

- Product benefits:**
- Glass fibre media made by VOLZ, in our own inhouse production
 - Elastic fibre structure
 - Specially designed for the separation of aerosol and water droplets, down to the smallest form (mist)
 - Separation of liquidand particles from a gas stream before or after compressors, fans, gas turbines
 - For use in air-conditioning and ventilation systems of all kinds as well as in painting technology



- Versions:**
- Rolls in standard dimensions
 - Cut pads available
 - Pad holding frames available
 - Disposal is subject to local restrictions. Depending on separated substances, used filter media may have to be dried prior to disposal
- | | |
|--------------------------------|---------|
| • Standard roll length: | 30,00 m |
| • Max. roll width: | 2,30 m |
| • Max. cut lenght: | 10,00 m |

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