

Glass fibre mats

COALESCER 3"

Water droplets separation media



Coalescer 3"	
Middle water droplets separation efficiency at diameter 2-5 µm	> 99%
Filter class acc. to ISO 16890	ISO Coarse 25%

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)

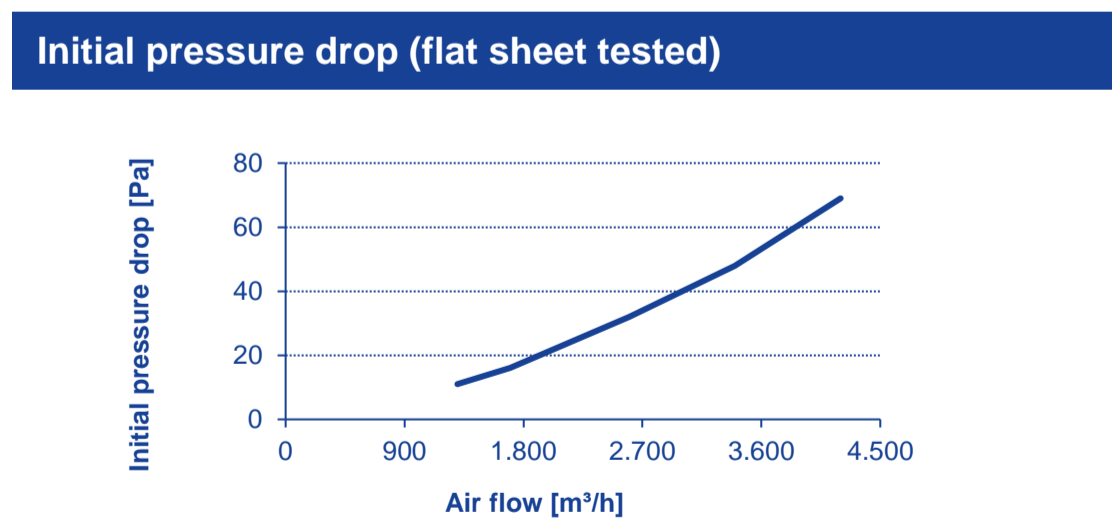
WHITE (clean air side)



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]	75
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]	45

- 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 liquid and 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 length: | 10,00 m |

Notice:

All information and illustrations are sole property of Volz and are provided to the best of our company's knowledge. Yet our company does not take over any warranty for the completeness and/ or correctness and cannot be held liable for any damage occurring to the recipient through the use or through her or his trust in the completeness and/ or correctness of the information. The given data are mean values with tolerances due to normal production variations and do not release the recipient from own checks, investigations and test. Furthermore, all data serve as service description and shall not be interpreted as a warranty for composition or service life. Volz reserves the right to change specifications without notice.