

## 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)

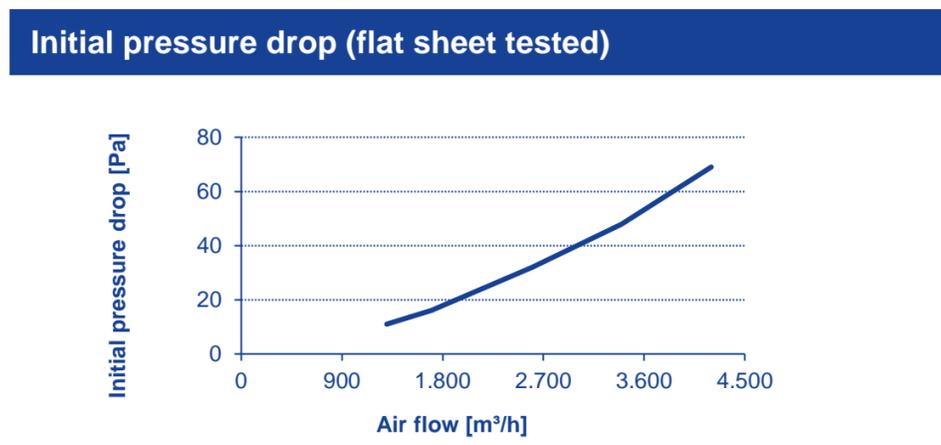
WHITE (clean air side)



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 <sup>2</sup> ]	1
Material thickness approx.	[mm]	75
Recommended nominal air flow	[m <sup>3</sup> /h/m <sup>2</sup> ]	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
- |                                |         |
|--------------------------------|---------|
| • <b>Standard roll length:</b> | 30,00 m |
| • <b>Max. roll width:</b>      | 2,30 m  |
| • <b>Max. cut length:</b>      | 10,00 m |

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