



## FILTRAIR Cartridge Wrap Prefilters PFW-G4



### Application

Filtrair GT Cartridge Wrap Pre-Filters PFW are specifically designed to act as, low pressure drop pre-filters for pleated pulse-jet cartridge fine filters of combustion engine air intake systems. They significantly prolong their life and increase their operational safety.

Filtrair PFW pre-filters may also be used during seasonal increases in dust concentration, such as pollen, seeds, fibres or other large particles.

They are easy to install and to change, cost effective and – if equipped with special hydrophobic treatment – have coalescing function in case of high humidity.

### Filter Medium

Filtrair designs and manufactures its own filter media. Filtrair PFW depth-loading filter medium is immersion bonded, additionally stiffened and manufactured with a progressive density to ensure high dust holding capacity with lowest pressure drop.

### Features

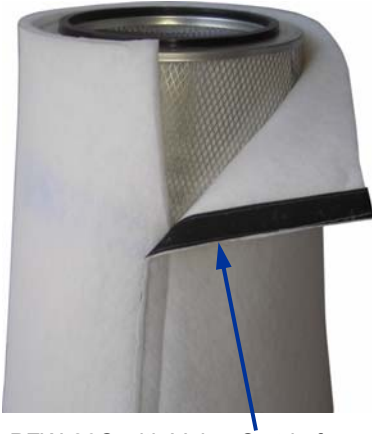
- ◆ For all types of environments, especially for those with high coarse dust content
- ◆ Durable, 100% synthetic medium, operates unaffected by moisture
- ◆ Low additional pressure drop – high dust holding capacity
- ◆ Easy handling and fast installation – no plant shut down due to Velcro band, attached to medium
- ◆ Cost effective solution to prolong the final filter life
- ◆ Available in filter class G4 as per EN 779 and in all dimensions fitting common pulse jet cartridge filters
- ◆ Washable and reusable
- ◆ Problem-free disposal, e.g. by incineration

# Filtrair GT Cartridge Wrap Pre-Filters – Technical Specifications

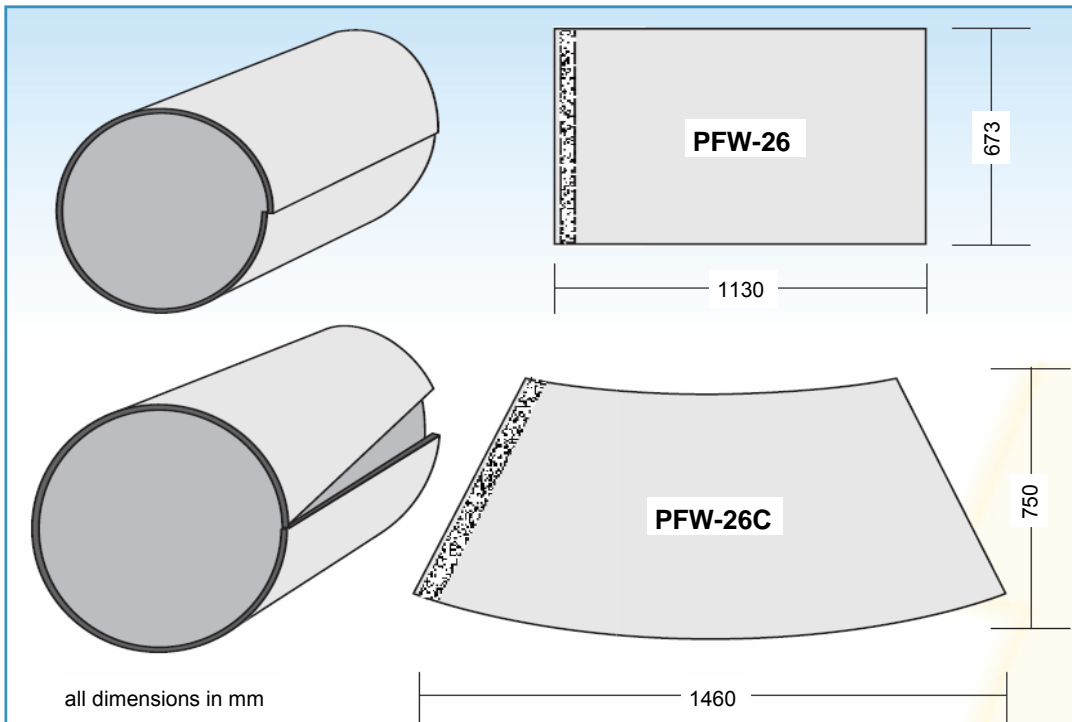
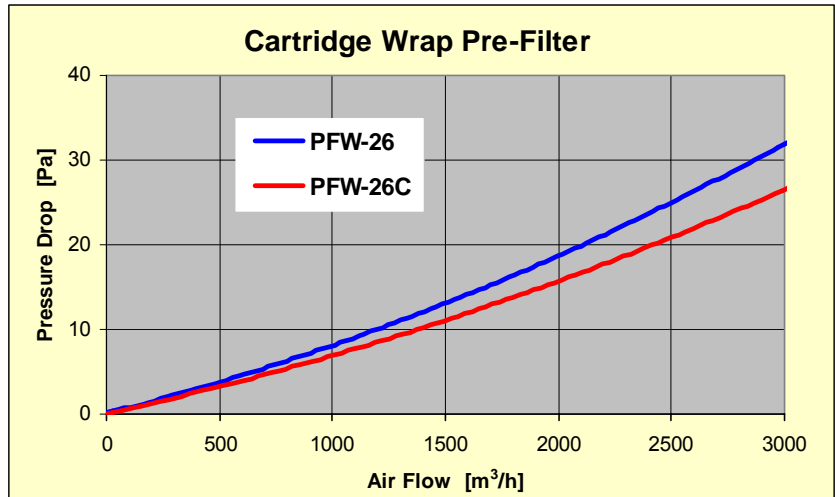
Cartridge Wrap Pre-Filter	Type	PFW-26	PFW-26C
Filter medium thickness	mm	22	22
Rated air flow	m <sup>3</sup> /h	2100	2400
Initial pressure drop at rated flow	Pa	20	20
Recommended final pressure drop (filter change)	Pa	250	250
Average dust weight arrestance as per EN 779	%	92%	92%
<b>Filter class (as per EN 779: 2002)</b>	–	<b>G 4</b>	<b>G 4</b>
ASHRAE dust loading capacity as per EN779	g	400	460

## Application limits

- ◆ Maximum continuous operating temperature: ≤ 80°C  
short peaks up to 100°C
- ◆ Admissible relative humidity of air: ≤ 100%
- ◆ Flammability classifications:
  - U.S. UL 900, class 2
  - DIN 53'438 - class F1



PFW-26C with Velcro® strip for fast and safe fastening



## Also available

Filtrair GT Cartridge Wrap Pre-Filters may also be supplied with:

- ◆ Dimensions fitting all current pulse-jet cartridge filters, e.g.:
  - PFW-22"
  - PFW-27"
  - PFW-28"
  - PFW-30"
  - PFW-34"
  - PFW-36"
- ◆ PFW's in filter class G3 as per EN 779
- ◆ Special hydrophobic treatment for humid environments



Filtrair bv  
De Werf 16, 8447 GE Heerenveen  
P.O. Box 611, 8440 AP Heerenveen  
The Netherlands

Tel. \*31 (0) 513-626355  
Fax \*31 (0) 513-627306  
E-mail: [marketing@filtrair.com](mailto:marketing@filtrair.com)  
[www.filtrair.com](http://www.filtrair.com)



*All data are average indicative values with usual manufacturing and testing tolerances. We reserve the right to modify performance data without prior notice. Specific performance data will require our written confirmation.*

*Filtrair® is the registered trade mark of Filtrair bv.*