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## *Airefil* 101PP Industrial Panel Filter

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- **Robust construction**
- **Easily washable**
- **Low pressure drop**
- **Will operate in wet conditions**
- **Inert to most chemicals & fumes**
- **G3 efficiency plus filtration of sub-micron particles**
- **Support grid both sides of filter media**

## Construction

**Airefil** 101PP Industrial Panel filters are washable panels, consisting of three filtration layers between welded galvanised steel wire mesh. The outside filter layers are durable woven polypropylene while the middle layer is a special polymer which becomes electrostatically charged as air flows through it. This electrostatic charge captures small particles, which would pass through other G3 media.

The “filter sandwich” is contained in a galvanised steel channel frame. Stainless steel construction (both frame and wire mesh) is also available.

## Applications

**Airefil** 101PP Industrial Panel Filters are designed for general air filtration or pre-filtration in industrial air systems. They are very easily cleaned with low pressure cold water and will sustain washing up to 300 times without deterioration of the media.

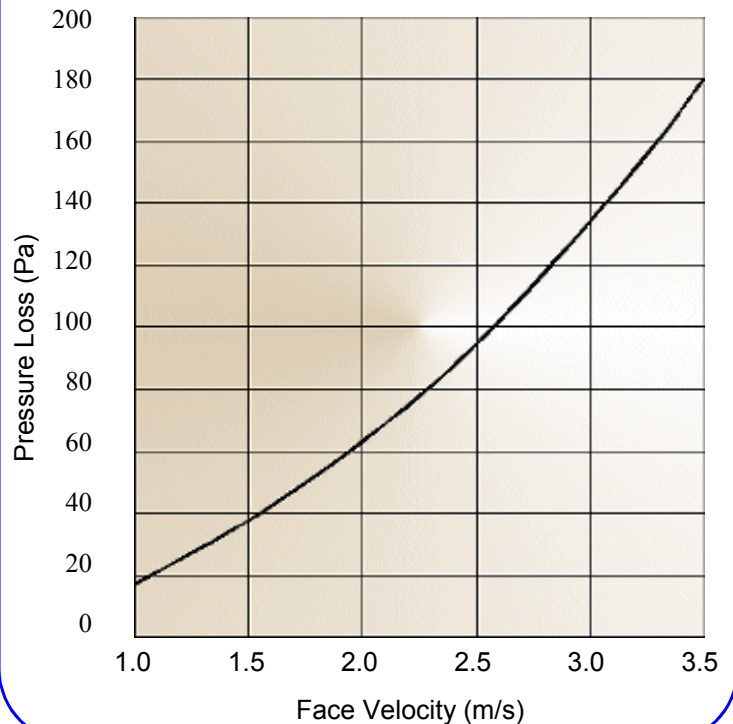
They are well suited as compressor prefilters and filtration of cooling air into electrical and electronic equipment. They are particularly good for controlling carbon dust as given off by large generators. They can be used on cooling towers and with humidification systems. They can be used as a de-mister where fine mist or rain is likely to penetrate the air intake.

## Mounting

**Airefil** Filter Frames are recommended.

## Performance Data

Performance	
ASHRAE 52.1-1992	87.0% Arrestance
AS1132 No.4 Dust	87.0% Efficiency
EN779	G3



## Physical and Performance ratings

Standard Sizes	Airflow (m <sup>3</sup> /hr) / Pressure Loss (Pa)		
592 mm × 592 mm	2500/63	3200/99	4500/185
287 mm × 592 mm	1250/66	1600/104	2250/194
490 mm × 490 mm	1750/65	2300/108	3000/176
Special Sizes made to order			



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### Related Products:

**Airefil** VPP Industrial Panel Filters  
**Airefil** Filter Frames  
**Airefil** Washable Panel Filters  
**Airefil** GT2 Filter Coalescer Panels

### Data Sheets:

[E54139](#)  
[E54134](#)  
[E54131](#)  
[E54126](#)