

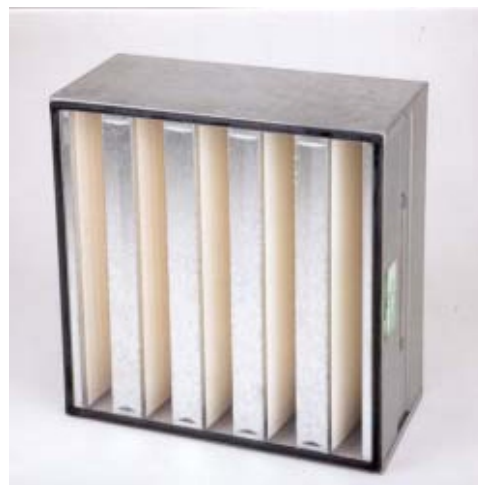
## **SOFILAIR Absolute / Micretain**

*High-performance, compact-size filtering panels.*

The design supporting the SOFILAIR filter line enables high-performance filtering for a great variety of airflows, while also maintaining low pressure loss and a compact filter size.

This filter line includes the Absolute model, which can handle an air volume of 4,000 m<sup>3</sup>/h at a speed of 3 m/sec. and maintain an initial loss of load of 250 Pa, achieving a 99.99% guaranteed performance for particles of 0.3 μm. All of the foregoing is available with standard industrial dimensions of 610x610x292 mm.

This filter combines all basic design parameters, better than other filter available in the market.



### **Technical Specifications**

Frame:	Electrogalvanized carbon steel
Separators:	Fiberglass thread
Filtering Medium:	Borosilicate microfibers
Sealing:	Polyurethane
Seals:	Semicircular, neoprene
Efficiency:	99.99% particles of 0.3μ
Max. temperature:	120°C (248°F) in continuous operation

### **Main Advantages**

\* High flows – capacity to handle large air volumes as well as the high air velocities present in modern air treatment systems.

\* Low pressure loss – optimized filter design guarantees reduced pressure loss with high flows.

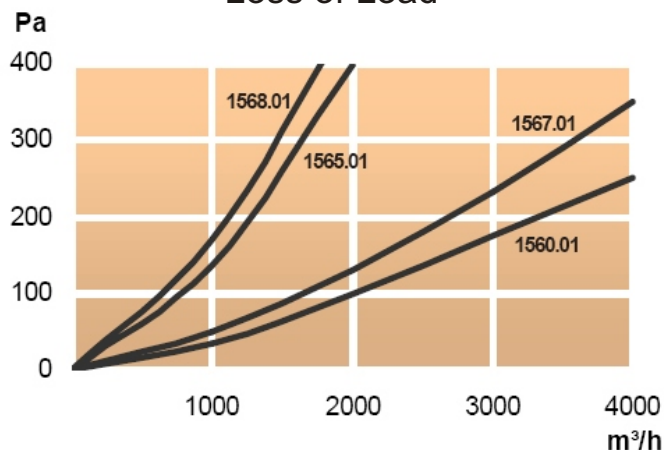
\* High performance – guarantees high performance and maintains these values in the whole scale of high flows using a large filtering surface, which enables attaining low in-between velocities.

\* Compact size – it offers a variety of sizes enabling high flow treatment, while using standard industrial dimensions.



## SOFILAIR ABSOLUTE

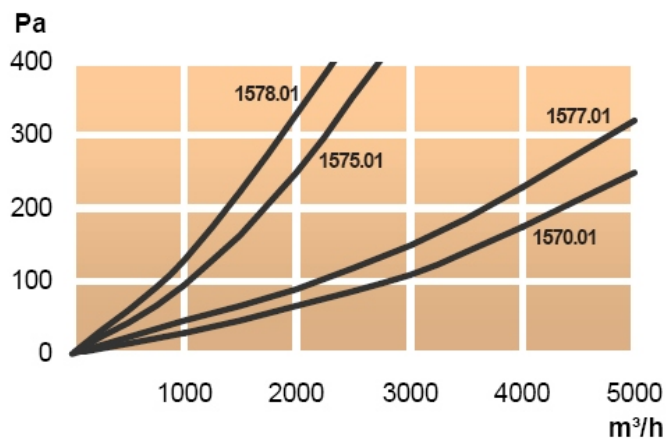
Loss of Load



Model	Flow m3/h	$\Delta p$ Pa	Dimensions	Filt. Sur. M2	Weight (Kg)
1560.02	4000	250	610x610x292	40	23
1565.01	1500		305x610x292	16	13
1567.01	3200		595x595x292	38	22
1568.01	1300		289x595x292	16	13

## SOFILAIR MICRETAIN

Loss of Load



Model	Flow m3/h	$\Delta p$ Pa	Dimensions	Filt. Sur. M2	Weight (Kg)
1570.01	5000	250	610x610x292	35	23
1575.02	2000		305x610x292	14	13
1577.01	4200		595x595x292	38	22
1578.01	1700		289x595x292	16	13

### APPLICATION:

SOFILAIR filters are used on ventilation and air conditioning equipment in a large variety of industries, including the following:

- Pharmaceuticals
- Photography and optics
- Electronics
- Foodstuffs
- Airspace
- Hospitals

General industrial uses.

### CHARACTERISTICS:

The Sofilair filter consists of a flame-retardant filtering medium, inside a galvanized rack including a retractable handle for easy filter handling.

The filtering medium is made of a fiberglass sheet with braided fiberglass separators.

Sealing between the filtering medium and rack is achieved by using polyurethane.

The semi-O-ring seal is molded in a single piece and manufactured in neoprene foam.

