

# Sartopure IND

## Particle Reduction Filter Cartridges



### Description

Sartopure IND cartridges were optimized for the wide range of prefiltration. Especially for the retention of particles from water. Sartopure IND filter combine multiple layers of progressively finer pleated polypropylene depth filter material.

### Applications

Typical application for Sartopure IND is the particle removing in low cost applications:

- water filtration plants
- sea water treatment plants
- industry applications

### Security

The Sartopure IND filter elements ensure the selective, effective and defined particle retention. The all polypropylene construction offers a broad chemical compatibility.

### Performance

The Sartopure IND filter elements combine high dirt loading capacities with long service life and extremely high flow rates.

### Economical Results

Considering all features and benefits, Sartopure IND filters guarantee the maximum in process profitability.

### Specifications

#### Materials

Filter Material:	Multiple Polypropylene Layers
Support Fleece:	Polypropylene
Core:	Polypropylene
End Caps:	Polypropylene
O-Rings:	Silicone

#### Retention Rates

1.2 µm, 3 µm, 5 µm, 8 µm, 20 µm, 50 µm

#### Available Sizes | Filtration Area

#### Cartridges

Size 1	10"	0.6 m <sup>2</sup>   6 ft <sup>2</sup>
Size 2	20"	1.2 m <sup>2</sup>   12 ft <sup>2</sup>
Size 3	30"	1.8 m <sup>2</sup>   18 ft <sup>2</sup>

#### Available Adapters Cartridges

21, 25, 28

#### Packing Size

25 pieces

#### Operating Parameters

Max. Allowable Differential Pressure:	5 bar   75 psi at 20 °C
	2 bar   29 psi at 80 °C
Max. Allowable Back Pressure:	2 bar   29 psi at 20 °C

# Depth Filter Cartridges

## Sterilization

### In-Line Steam Sterilization

121°C, 20 min. at max differential pressure of 0.5 bar | 7 psi

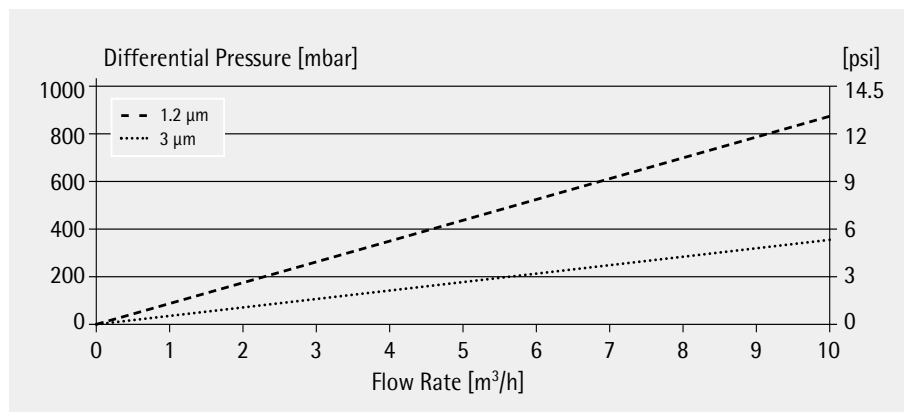
### Sterilization Cycles

In-Line Sterilization: Min. 25

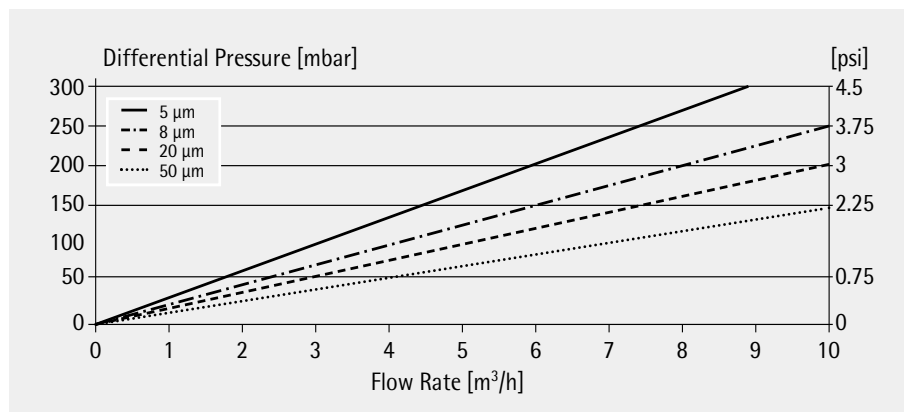
## Order Information

Order Code	Pore size [ $\mu\text{m}$ ]
550**03PX-----G	1.2
550**02PX-----G	3
550**42PX-----G	5
550**01PX-----G	8
550**20PX-----G	20
550**50PX-----G	50

Water Flow Rates for 10" Cartridges



Water Flow Rates for 10" Cartridges



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