

Mini Filter Cartridges for the Particle-removing Filtration or Prefiltration of 100 Liters and More



Each of these mini cartridges contains a series of filters with increasing fineness for effective and economic particle removal, either as independent filter or as prefilter in combination with a Sartobran P or Sartofluor mini cartridge. The four different types differ only in the filter combinations. All other parts are the same, made of polypropylene (support framing) or silicone (sealing ring).

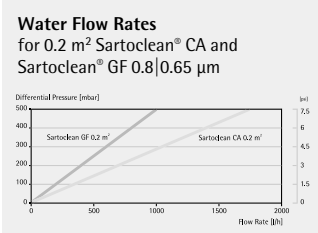
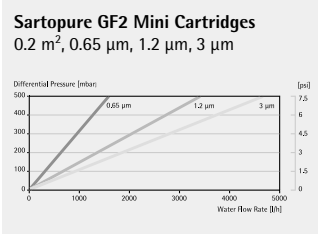
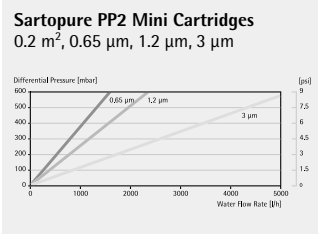
Sartoclean CA mini cartridges
Available with 3.0 µm/0.8 µm and 0.8 µm/0.65 µm cellulose acetate double membranes, for the retention of particles and larger microorganisms by means of a fractionated membrane filtration, as well as simple membrane mini cartridge with 0.2 and 0.45 µm pore size. Main application: prefiltration in combination with a subsequent Sartobran P mini cartridge (e.g. for larger filterable volumes in the sterile filtration of serum) at minimal adsorption.

Sartopure PP2 mini cartridges
They contain polypropylene fleeces of increasing fineness by fractionated depth filtration. Retention efficiency: 20 µm, 8 µm, 5 µm, 3 µm, 1.2 µm and 0.65 µm. Main applications: particle removing filtration of deionised water, pharmaceutical solutions, chemicals and solvents and other gases.

Sartoclean GF mini cartridges
Same as Sartoclean CA mini cartridges, but complemented by a glass fibre prefilter for the retention of particles, larger microorganisms and colloids through the combination of depth and fractionated membrane filtration. Main applications: prefiltration of biological liquids with a relatively high colloid content as well as clarification of turbid solutions.

Sartopure GF2 mini cartridges
They contain glass fibre and polypropylene fleeces of increasing fineness for the removal of particles and some colloids through a combination of fractionated depth filtration and adsorption.

Retention efficiency: 3 µm, 1.2 µm and 0.65 µm. Main applications: prefiltration of biologic liquids with relatively high colloid content (e.g. serum) as well as particle removing filtration of deionised water and weakly aggressive chemicals.



Specifications for Sartopure and Sartoclean mini cartridges

Connectors	Inner silicone O-ring and bayonet lock (twist lock) for safe hold on the base (also refer to descriptions on page 87 and page 89)	
Flow rate*	Typical values for 0.2 m ² mini cartridges for water at 0.5 bar (50 kPa, 7.25 psi) pressure:	
	Sartopure PP2	39 l/min. (1.2 µm), 24 l/min. (0.65 µm)
	Sartopure GF2	58 l/min. (1.2 µm), 25 l/min. (0.65 µm)
	Sartoclean CA	41 l/min. (0.8 µm), 32 l/min. (0.65 µm)
	Sartoclean GF	25 l/min. (0.8 µm), 17 l/min. (0.65 µm)
Filter area	0.05 m ² , 0.1 m ² , 0.2 m ² or 0.3 m ² , as listed under order numbers	
Filter materials	Sartopure PP 2, Polypropylene filter Sartopure GF 2, Glass fibre filter Sartoclean CA, Cellulose acetate membranes Sartoclean GF, Glass fibre prefilter, cellulose acetate membranes	

Order numbers see next page.

* See also diagram on the left.

Order numbers for Sartopure and Sartoclean mini cartridges***Sartopure PP2 depth filter mini cartridges**

5591505P7-B	0.65 µm, 0.05 m ² , pack of 5
5591505P8-B	0.65 µm, 0.1 m ² , pack of 5
5591505P9-B	0.65 µm, 0.2 m ² , pack of 5
5591503P9-B	1.2 µm, 0.2 m ² , pack of 5
5591502P9-B	3 µm, 0.2 m ² , pack of 5
5591542P9-B	5 µm, 0.2 m ² , pack of 5
5591501P9-B	8 µm, 0.2 m ² , pack of 5
5591520P9-B	20 µm, 0.2 m ² , pack of 5

Sartopure GF2 depth filter mini cartridges

5571505 P7-B	0.65 µm, 0.05 m ² , pack of 5
5571503P7-B	1.2 µm, 0.05 m ² , pack of 5
5571502P7-B	3 µm, 0.05 m ² , pack of 5
5571505P8-B	0.65 µm, 0.1 m ² , pack of 5
5571503P8-B	1.2 µm, 0.1 m ² , pack of 5
5571502P8-B	3 µm, 0.1 m ² , pack of 5
5571505P9-B	0.65 µm, 0.8 m ² , pack of 5
5571503P9-B	1.2 µm, 0.2 m ² , pack of 5
5571502P9-B	3 µm, 0.2 m ² , pack of 5

Sartoclean CA membrane filter mini cartridges

5621507A9-B	0.2 µm, 0.2 m ² , pack of 5
5621506A9-B	0.45 µm, 0.2 m ² , pack of 5
5621505G9-B	0.8 0.65 µm, 0.2 m ² , pack of 5
5621504E9-B	3.0 0.8 µm, 0.2 m ² , pack of 5

Sartoclean GF membrane filter mini cartridges

5601505G9-B	0.8 0.65 µm, 0.2 m ² , pack of 5
5601504E9-B	3.0 0.8 µm, 0.2 m ² , pack of 5

* Special brochure available on request. Order no. S--0024-e