

Sieving and filtration

Venting filtration



Venting filters

Sartorius



Hydrophobic PP reinforced PTFE membrane, PP housing, sterile

For the sterile venting of small fermenters and culture vessels.

Airflow rate (l/min)	5 (0,1 bar)	8,5 (0,1 bar)
Inlet/outlet	tubing nozzle 6 - 12 mm with Luer inner cone	
Max. temperature (°C)	134	
Pore size	0,2 µm	0,45 µm
Pore size (µm)	Filtration area (cm²)	Pk
0,2	20	12
0,2	20	25
0,2 *	20	100
0,2 **	5,3	50
0,45	20	12

* non sterile

** PE-strengthened PTFE in cryolite housing



Filtration capsules, AcroPak™ 300



PTFE hydrophobic membrane, PP housing

For high airflow rate venting applications. Also useful for aggressive solvent filtration.

- 100% integrity tested

Airflow rate (l/min)	32 (0,07 bar)
Inlet/outlet	for tubing Ø 6,4 - 12,7 mm
Max. pressure (bar)	4,1
Max. temperature (°C)	60
Water flow rate	0,8 l/min (0,1 bar)
Pore size (µm)	Filtration area (cm²)
0,2	300



HEPA capsules



Versapor® membrane, PP housing

Designed to provide bacteria-free air (HEPA: High Efficiency Particulate free Air) for sterile applications. Porous membrane delivering high airflow rates at low differential pressure and extends filter life.

Ensures particulate free air with 99,97% retention of 0,3 µm DOP aerosol (ASTM D 2986-71).

Can be used for non sterilising liquid prefiltration.

Inlet/outlet	3/8" FNPT; includes optional hose barb fittings to accept 12,7 mm ID tubing	
Max. pressure (bar)	3,4	
Max. temperature (°C)	88	
Pore size (µm)	Filtration area (cm²)	Pk
1,2	860	1