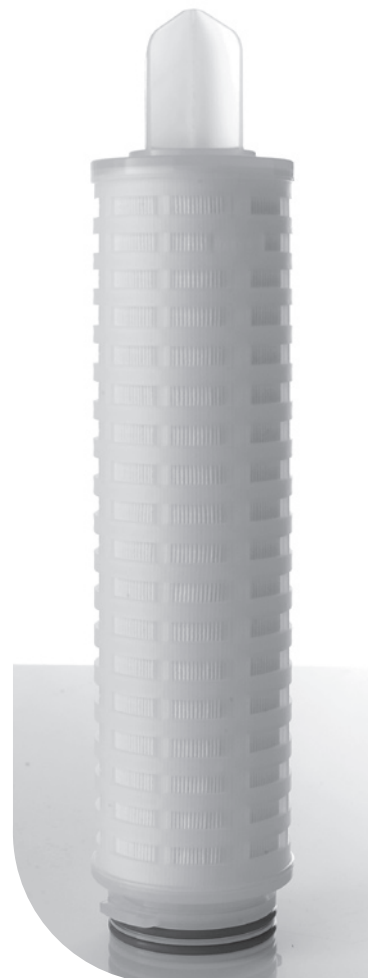
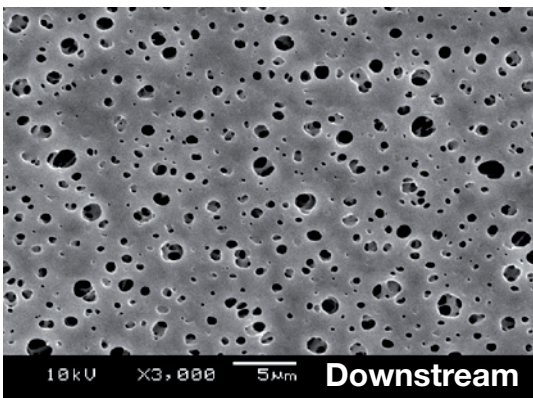
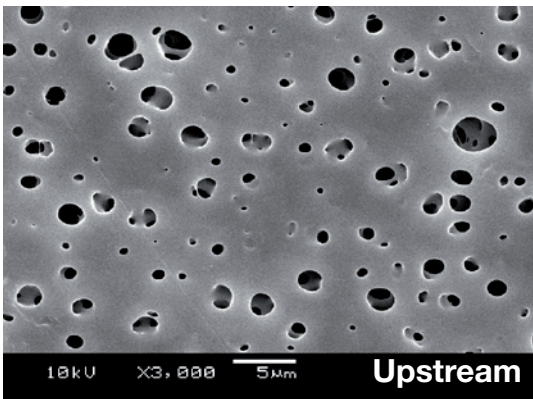
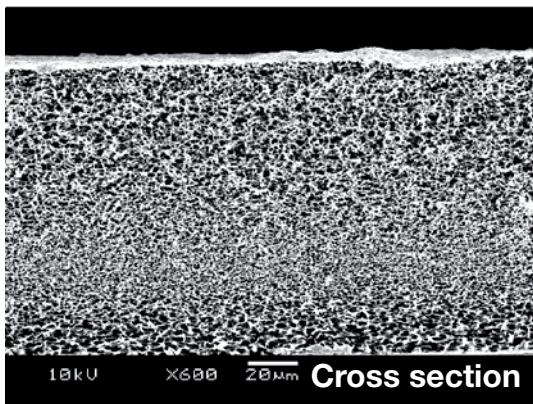


Certainpore PES

The Certainpore PES membrane is made from a sulfonated polyethersulfone polymer, offered in a wide range of pore sizes to meet the requirements of very different and specific applications.

High flow rates and throughputs due to a **highly asymmetric** pore structure, inherently hydrophilic, low protein binding characteristics, excellent chemical compatibility.

The asymmetrical pore structure and a high surface area design (0,75m²/10 inch length) of the Certainpore PES cartridge, offers a **high dirt loading capacity** and an increased filtration performance compared to conventional symmetrical membrane cartridges.



ROKI

Certainpore PES

Materials of construction

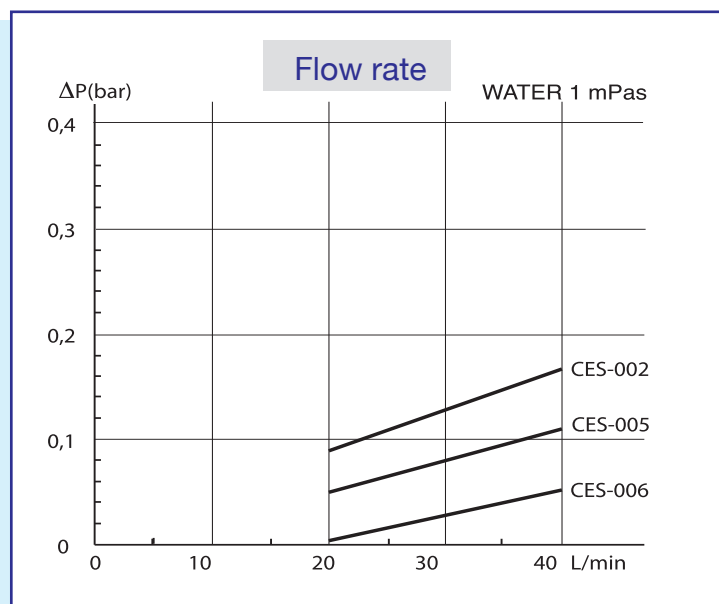
Filter medium: Polyethersulfone
 Support layers: Polypropylene
 Core, cage & end caps: Polypropylene
 Gaskets: ref. table

Maximum Operating conditions

Temperature: 80°C
 Differential pressure at 20°C:
 Out to In 5,5 bar
 In to Out 3,5 bar

Sterilization

Autoclave: 121°C for 30 min
 In-situ steaming in 121°C for 30 min at a max.
 Forward direction: differential pressure of 0,5 bar
 Hot Water: 85°C for 60 min



TEST DATA

Grade	Retention μm	Filtration area in $\text{m}^2 / 250\text{L}$	Diffusion flow per 250mL cartridge using a water		
			Bubble Point in bar	Test Pressure in bar	D.F. value ml/min
002	0,2	0,75	Water $\geq 3,76$	2,0	≤ 25
005	0,45	0,75	$\geq 2,75$	1,5	≤ 25
006	0,65	0,75	$\geq 1,48$	1,0	≤ 15

Ordering code

nom.Length mm	Grade	Gasket/O-ring	End Caps	Packaging
750L	-CES-	002	V	7
62.5	002	E = EPDM	J	A = 1 pc
125	005	N = NBR	F	B = 6 pcs
250	006	S = Silicone	K	
500		V = FKM	0	
750		T = FEP/FKM	5	
1000			7	

With the reservation that product development might cause changes of specifications. Data sheet made February 2007.

Manufacturer

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Your distributor

