Pleated filtration cartridges

PLEATED MEMBRANE POLYETHEROSULFONE CARTRIDGE

PES99G+

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TECHNICAL FEATURES

Type	PES99G+
Type	Pleated membrane polyetherosulfone
Height	9" 3/4 - 20" - 30" - 40"
Micron	0.1 / 0.2 / 0.45
Efficiency	99.98%
Hot sanitizing	Yes - Refer to Everblue for technical info

MATERIAL

Filtration material	Polyetherosulfone membran
Internal core	Polypropylene
External core	Polypropylene

PRESSURE

Max differential pressure at 20°C	2 bar
Recommended change-out differential pressure	1 bar

TEMPERATURE

Max working temperature	82°C

SCOPE OF USE

Water
Sea water

Approximate picture. End caps and height's choice will lead to the assembly of a product which could differ from those shown in figure

Code	Height	Micron	Flow l/h [1]	Filtering surface	Minimum quantity	Euro/each
PES99G+09001	9" 3/4	0,1	600	0,65 m^2	4	Login
PES99G+09002	9" 3/4	0,2	1.200	0,65 m^2	4	Login
PES99G+090045	9" 3/4	0,45	2.200	0,65 m^2	4	Login
PES99G+20001	20"	0,1	1.200	1,30 m^2	4	Login
PES99G+20002	20"	0,2	2.400	1,30 m^2	4	Login
PES99G+200045	20"	0,45	4.000	1,30 m^2	4	Login
PES99G+30001	30"	0,1	1.800	1,95 m^2	4	Login
PES99G+30002	30"	0,2	3.600	1,95 m^2	4	Login
PES99G+300045	30"	0,45	4.000	1,95 m^2	4	Login
PES99G+40001	40"	0,1	2.400	2,60 m^2	4	Login

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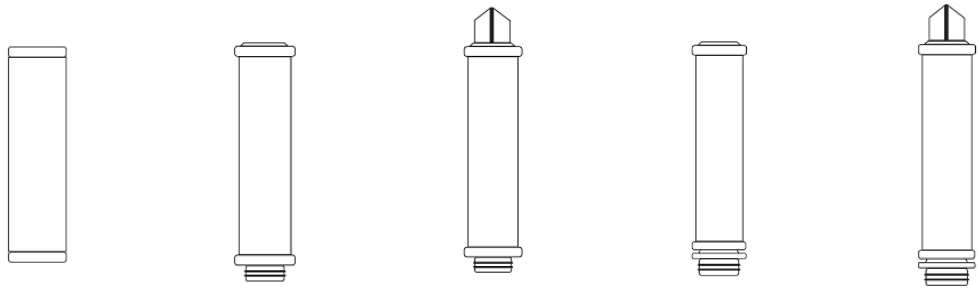
Code	Height	Micron	Flow l/h [1]	Filtering surface	Minimum quantity	Euro/each
PES99G+40002	40"	0,2	4.000	2,60 m^2	4	Login
PES99G+400045	40"	0,45	4.000	2,60 m^2	4	Login

1 Max water flow rate at 20°C and differential pressure 0,15 bar

END CAPS LIST

End Caps	DOE (Standard)	Code 3 222 O-ring/flat	Code 8 222 O-ring/spear	Code 2 226 O-ring/flat	Code 7 226 O-ring/spear
CODE	ST	C3	C8	C2	C7



CARTRIDGES CODE LIST

Model	Height		Micron		Connection		Seals		
PES99G+	9" 3/4	09	0,1	001	DOE (Standard)	ST	Silicone	S	* standard o-ring
	20"	20	0,2	002	Code 3	C3			
	30"	30	0,45	0045	Code 8	C8	Other available orings		
	40"	40			Code 2	C2	EPDM	E	
					Code 7	C7	Viton	V	
							PTFE	P	

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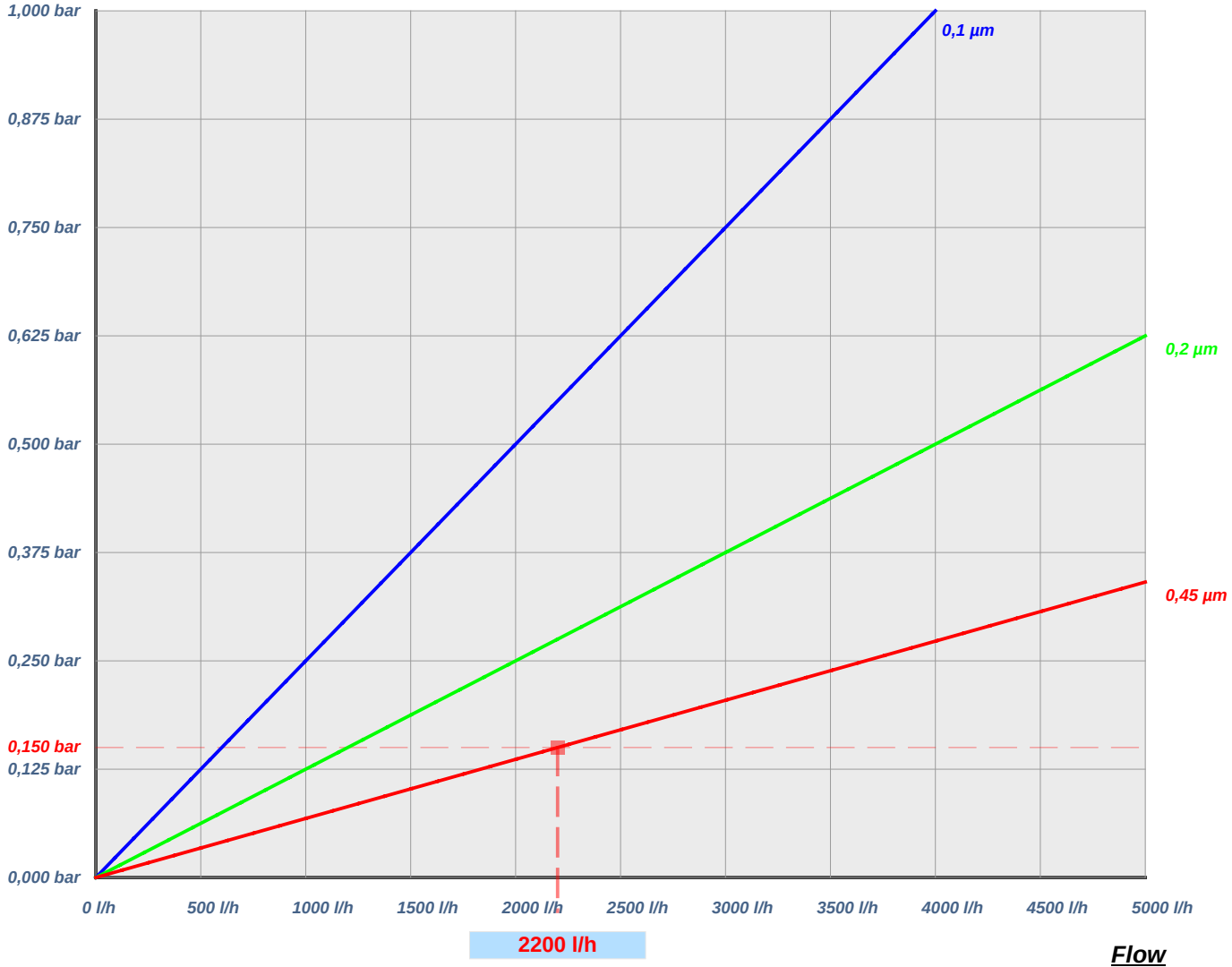
FLOW RATE VS PRESSURE DIFFERENTIAL

Pressure differential



Flow

Graphic refers to 9" 3/4 height cartridges. Make the correct proportion to obtain flow for taller cartridges.