

## Pleated filtration cartridges

# PLEATED MEMBRANE POLYETHEROSULFONE CARTRIDGE

## PES99G+

[Download technical drawing PDF](#) 

### TECHNICAL FEATURES

Type	PES99G+
Type	Pleated membrane polyethersulfone
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	Polyethersulfone 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
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### 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	<sup>1</sup>	Filtering surface	Minimum quantity	Euro/each
PES99G+09001	9" 3/4	0,1	600		0,65 m <sup>2</sup>	4	<a href="#">Login</a>
PES99G+09002	9" 3/4	0,2	1.200		0,65 m <sup>2</sup>	4	<a href="#">Login</a>
PES99G+090045	9" 3/4	0,45	2.200		0,65 m <sup>2</sup>	4	<a href="#">Login</a>
PES99G+20001	20"	0,1	1.200		1,30 m <sup>2</sup>	4	<a href="#">Login</a>
PES99G+20002	20"	0,2	2.400		1,30 m <sup>2</sup>	4	<a href="#">Login</a>
PES99G+200045	20"	0,45	4.000		1,30 m <sup>2</sup>	4	<a href="#">Login</a>
PES99G+30001	30"	0,1	1.800		1,95 m <sup>2</sup>	4	<a href="#">Login</a>
PES99G+30002	30"	0,2	3.600		1,95 m <sup>2</sup>	4	<a href="#">Login</a>
PES99G+300045	30"	0,45	4.000		1,95 m <sup>2</sup>	4	<a href="#">Login</a>
PES99G+40001	40"	0,1	2.400		2,60 m <sup>2</sup>	4	<a href="#">Login</a>

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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 <sup>2</sup>	4	<a href="#">Login</a>
PES99G+400045	40"	0,45	4.000		2,60 m <sup>2</sup>	4	<a href="#">Login</a>

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 20" 30" 40"	0,1 0,2 0,45	001 002 0045	DOE (Standard) Code 3 Code 8 Code 2 Code 7	Silicone Other available orings EPDM Viton PTFE

\* standard o-ring

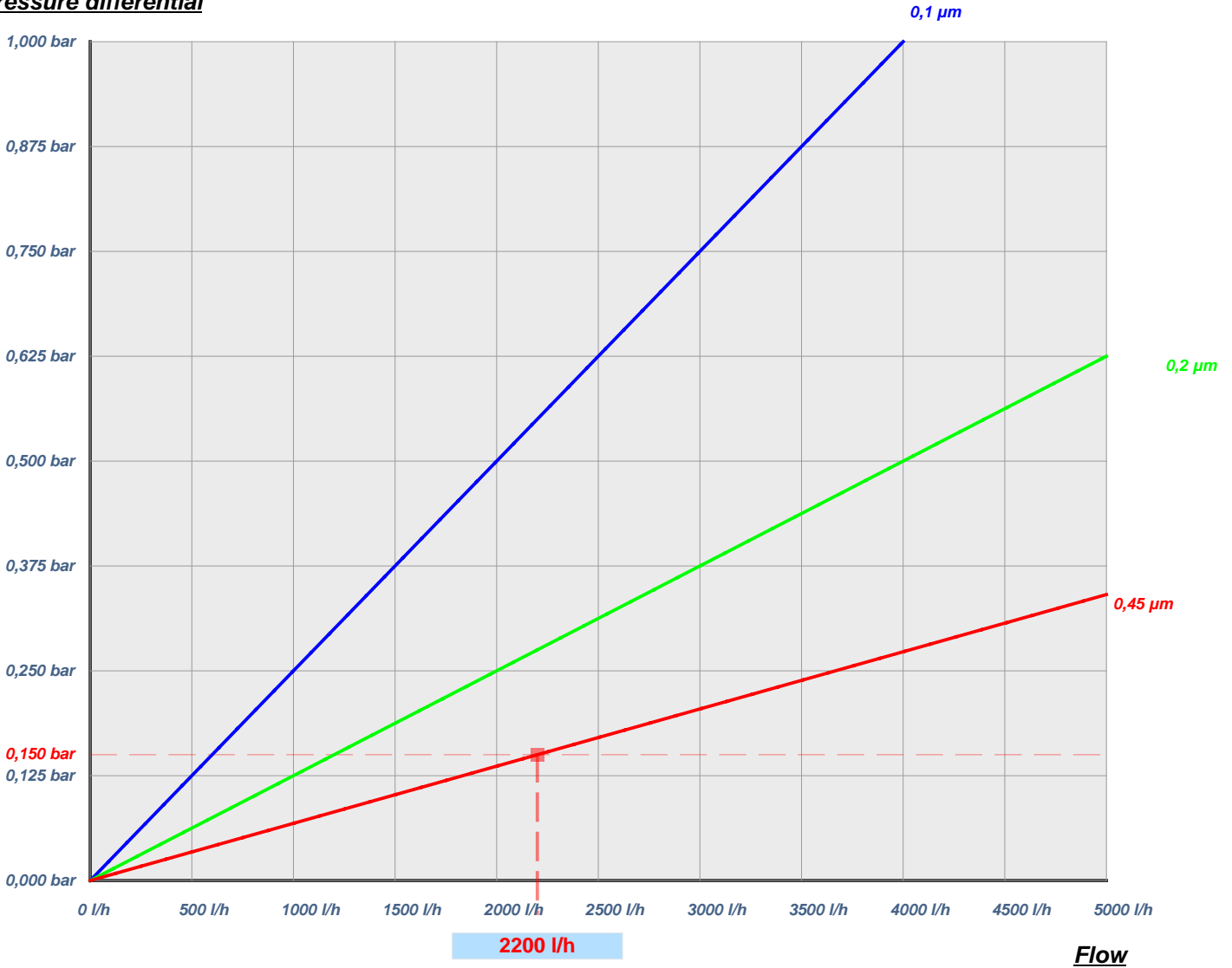
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### FLOW RATE VS PRESSURE DIFFERENTIAL

#### Pressure differential



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