

P-SM Mesh Filter



Specifications

Size, "(inch):	5", 10", 20", 30"
Filtration rating, μm :	5 - 100
Flowrate, l/min:	
Max. Temp. C°:	480
Diff. Pressure:	see chart
Efficiency, %:	
Connection:	DOE, Code7
Material:	316
O-ring:	Viton, Nitrile, Silicone, PTFE, EPDM,
Approval(s):	

Pre and final filter with absolute retention rate for particle removal from aqueous solutions, water and other liquids, as well as gases.

Made of multiple layers of stainless steel, which has excellent pressure-, temperature- and corrosion resistance.

- Stainless steel construction.
- Five-layer stainless steel sintered formation.
- Inner reinforcing.
- Uniform pore size.
- Great back flush flow.
- No fiber migration.
- Resistance of corrosion, high pressure and extreme temperature.

Note: Code 7 endcaps if requested.

Dimensions		
Size	Length (mm)	Filtration area m ²
5"	127	0,025
10"	254	0,050
20"	508	0,10
30"	762	0,15

Additional Data	
Absolute retention rate	1 μm -1000 μm
Max. diff. pressure	5bar
Max. reverse diff. pressure	3bar
Regeneration	Ultrasonic bath
Temperature range	< 0°C to ~ 480°C

Number	Liquid Accuracy (μm)	Gas Accuracy (μm)	Porosity (%)	Absolute Accuracy (μm)	Average permeability (L/dm ² min)	Liquid flow (m ² /h)
1	2,0	0,8	38	8-9	2,35	0,25
2	5,0	1	38	12-14	2,42	0,43
3	10	3	38	16-18	3,00	0,50
4	20	15	38	28-32	4,50	0,58
5	40	25	38	58-63	7,10	0,67
6	100	85	38	125-130	16,20	0,8

