

PMW Series

FILTERING CARTRIDGES
PLEATED HIGH-FLOW
OD 5.8" (148 mm)

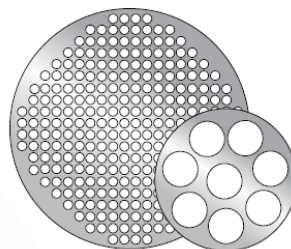


MAIN APPLICATIONS:

- DISALINATION
- WATER TREATMENT
- FINE CHEMICAL
- PETROCHEMICAL
- OIL & GAS
- FOOD & BEVERAGE
- POWER GENERATION
- STEEL MILL
- GENERAL INDUSTRY

CHARACTERISTICS:

- Large diameter to permit high flow-rate
- High filtration area
- High dirt holding capacity
- Friendly maintenance
- Fewer elements change-out
- Smaller filter housing
- Resistant to contaminant unloading even at high Delta-P
- Filtration direction from outside to inside
- Three different filter media available
- Pure polypropylene hardware
- Wide range chemical compatibility
- Suitable for liquids filtration
- Fusion bonding assembly
- Double o-ring sealing
- Absolute filtration rating from 0.6 to 80 μm



ASCO FILTRI

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TECHNICAL DATA

WORKING TEMPERATURE
 80 °C

DIFFERENTIAL PRESSURE

Cartridges replacement:
 1.0 bar @ 25 °C
Max. allowable:
 3.0 bar @ 20 °C

CONSTRUCTION MATERIAL

Filter media:

- Polypropylene
- Fibreglass
- Polyester

Hardware:

- 100% Polypropylene

Gaskets:

- Buna-n
- EPDM
- Viton
- Silicone

DIMENSIONS

External diameter:
 5.8" (148 mm)

Length:
 23"
 40"

FILTERING AREA

23" 1.70 m²
 40" 3.00 m²

Flow-rate / Delta-P data:

Length	Liquids (1 cP) - Recommended flow-rate - Polypropylene							
	0.6 µm	1 µm	3 µm	5 µm	10 µm	25 µm	50 µm	80 µm
23"	8	10	10	15	17	20	35	35
40"	16	20	20	30	36	40	50	50

Length	Liquids (1 cP) - Recommended flow-rate - Fibreglass						
	0.6 µm	1 µm	3 µm	5 µm	10 µm	25 µm	50 µm
23"	9	11	11	18	18	22	37
40"	18	22	22	32	38	42	50

Liquids flow-rate (m³/h) - Clean Delta-P 0.15 bar.

For fluids other than water multiply pressure drop by fluid viscosity in cP.

Flow-rate valid for clean water, reduce the flow-rate according to the application.

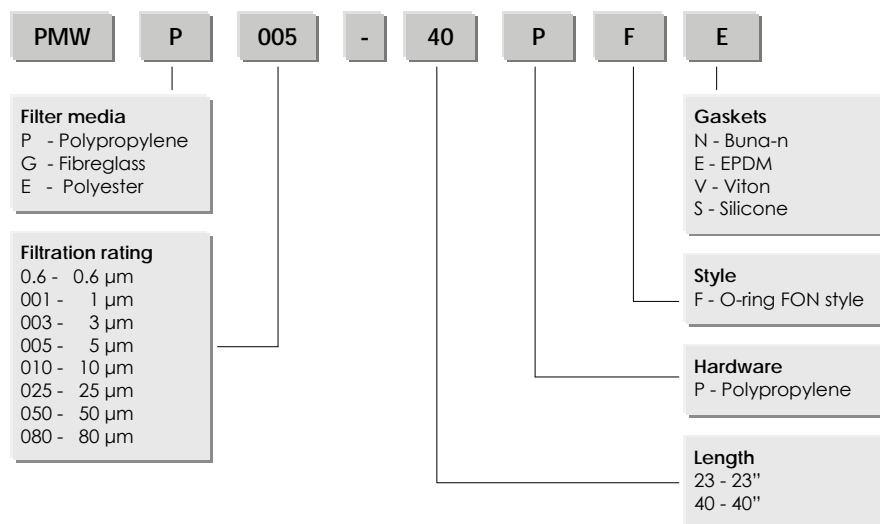
Filtration efficiency:

(µm)	Efficiency	
	99.98%	90%
0.6	0.6 µm	0.25 µm
1	1 µm	0.45 µm
3	3 µm	0.80 µm
5	5 µm	2.0 µm
10	10 µm	4.5 µm
25	20 µm	10 µm
50	50 µm	25 µm
80	80 µm	60 µm

Filter media	Filtration rating (µm)							
	0.6	1	3	5	10	25	50	80
Polypropylene	X	X	X	X	X	X	X	X
Fibreglass	X	X	X	X	X	X		
Polyester			X	X	X	X	X	X
Pleated depth	X	X	X	X	X	X	X	X

Filtration efficiency for liquids defined with Multipass ISO 4572 test.

Ordering information:



We reserve the right to change the data of this specification without notice.

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