

Polypure W Cartridge Filter

Description

MS[®] Polypure W Cartridge Filter is especially designed to provide larger filtering area, which could reach 1m² and over 50% filtering area than traditional pleated cartridge filters. It uses fibers of varying diameters to produce a pore size distribution from upstream to downstream. Very high contaminant holding capacity and all polypropylene construction could bring longer service life, save your cost imperceptibly.

Application

- R.O. Membrane Prefiltration
- Prefiltration for the wastewater in electronic industry
- Solvent Filtration



Membrane Solutions, LLC.

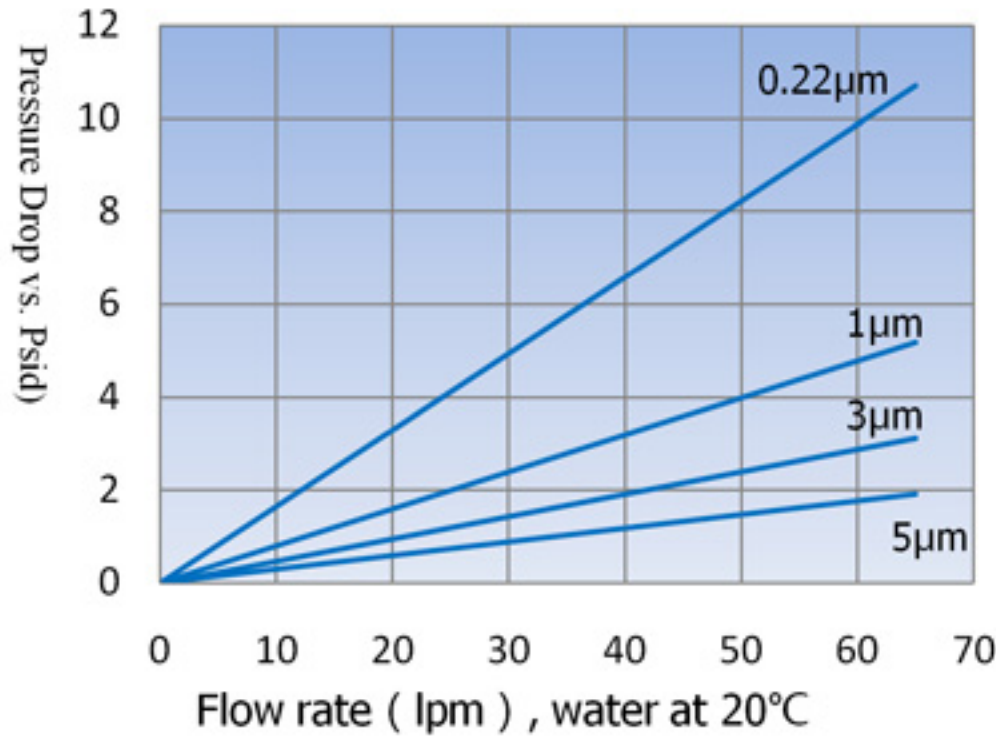
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Membrane Solutions

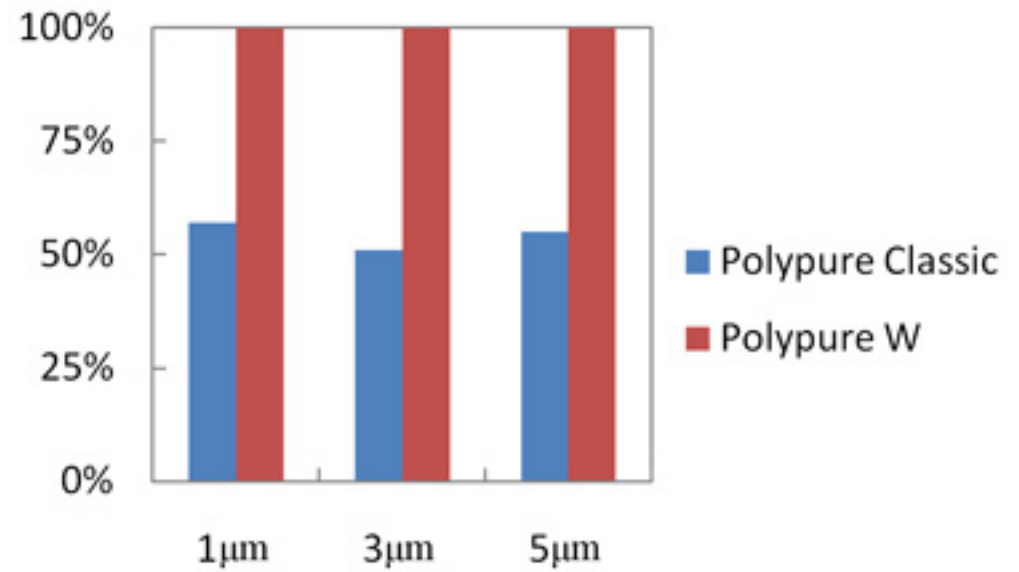


Unit conversion: 1bar=100Kpa

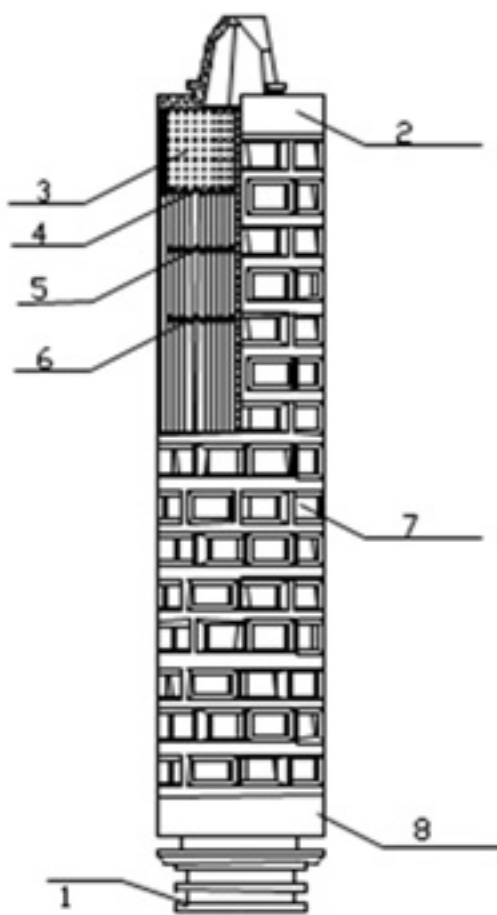
Flow rate is for a 254mm (10inch) cartridge.

For liquids other than water, multiply differential pressure by fluid viscosity (cP)

Dirty hold Capacity Comparison of Filter Cartridges



Test with ISO 12103-1 A4 Fine Test Dust, water at 25°C, 35 PSI Terminal Pressure



- 1. Filter Interface
- 2. Top End Cap
- 3. Filter Inner Shell
- 4. Downstream Support Layer
- 5. Microporous membrane filter
- 6. Upstream Support Layer
- 7. Filter Shell
- 8. Bottom End Cap

Filtering Area	1 m ²
Max. Allowable Differential Pressure:	3.4bar @80°C 5.0bar @50°C
Maximum recommended operating temperature:	120°C
Recommended Change Out Differential Pressure	35psi (2.4bar)

Cartridge Ordering Information

Filter Materia	Length	Micron Ratings	End Cap Type	Seal Material
PP=Polypropylene	010=10"	010=0.1µm	1=SOE 0=DOE 2=222/Flat 3=222/Fin 6=226/Fin 7=226/Flat	S=Silicon E=EPDM F=Viton
	020=20"	022=0.22µm		
	030=30"	045=0.45µm		
	040=40"	100=1µm		
		300=3µm		
	500=5µm			
		1000=10µm		
		2000=20µm		