



Hydrophilic Polyethersulphone membrane for aqueous liquid filtration applications. CLARIFLOW WG are a cost effective alternative to the CLARIFLOW Electronics and General Grade cartridges.

CLARIFLOW WG water grade cartridges are designed for general purpose use in the filtration of high purity liquids and aqueous chemicals.

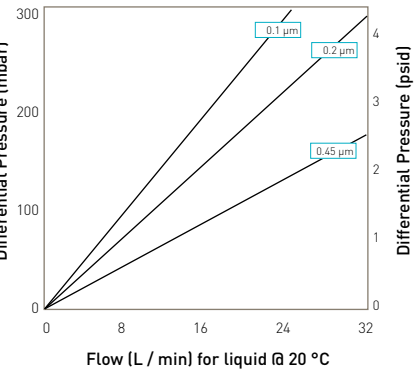
The mirrored ansiotropic polyethersulphone membrane is inherently hydrophilic and has a pore morphology that delivers exceptionally high flow rates.

Because there are no added surfactants or wetting agents and the support layers and hardware are all polypropylene, the filter exhibits low extractables, broad chemical compatibility and good resistance to hydrolysis.

Features and Benefits

- Absolute rated membrane
- Resistance to hydrolysis allows extended use in UPW systems
- Reliable and cost-effective
- High flow rate / low differential pressure reduces system wear and tear
- Broad chemical compatibility allows use in aqueous applications

Performance Characteristics



10" Size (250 mm) Cartridge

CLARIFLOW WG Filter Cartridges

- liquid filters
- polyethersulphone



CLARIFLOW WG Filter Cartridges

Specifications

Materials of Construction

- Filtration Membrane: Polyethersulfone (PES)
- Support Layers: Polypropylene
- Inner Support Core: Polypropylene
- Outer Protection Cage: Polypropylene

All components meet USP-XXIV Class VI-121°C criteria and are thermally bonded to assure integrity and purity.

Recommended Operating Conditions

Temperature		Max. Forward dP	
°C	°F	(barg)	(psid)
24	75	5.5	80
82	180	2.8	40

Temperature		Max. Reverse dP	
°C	°F	(barg)	(psid)
24	75	3.4	50

Effective Filtration Area

0.50 m² (5.4 ft²) per 10 inch (250 mm)

Applications

- Water filtration
- High purity liquids
- Aqueous chemicals
- Deionized water systems

Ordering Information

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Code Insert Style		Code End Fitting		Code Length (Nominal)		Code Filter Rating		Code Gasket o-rings		Code Gasket Thickness	
1	No insert (standard)	0	DOE (Cuno®)	10	10"	001	0.1	0	Buna N	DOE only	
5	Encapsulated 316 SS Insert	1	DOE	20	20"	002	0.2	1	EPDM (standard)	1	0.200" (5 mm)
6	Encapsulated Polysulphone Insert	2	Flat / 226	30	30"	004	0.45	2	Silicone	2	1.25" (3 mm)
A	1/2" Shortened Filter Only	3	Flat / 222	40	40"			4	Viton®	4	0.20" (5 mm) (1) & 0.125" (3 mm) (1)
		6	Flat / 020 Internal	All cartridges are 2.75" (69 mm) in diameter				5*	FEP-Encapsulated Viton®	N	No gasket
		7	Fin / 226					6*	FEP-Encapsulated Silicone		
		8	Fin / 222					N	None		
		G	120 / Internal / Recessed Endcap					* o-rings only			
		H	213 Internal / Recessed Endcap								
		R	213 Internal / Recessed Endcap (Ametek®)								
			222 / Recessed Endcap								

Minimum Box Quantity	
10"	28
20"	12
30"	12
40"	9

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