



CLARIFLOW WG Filter Cartridges

- liquid filters
- polyethersulphone



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.

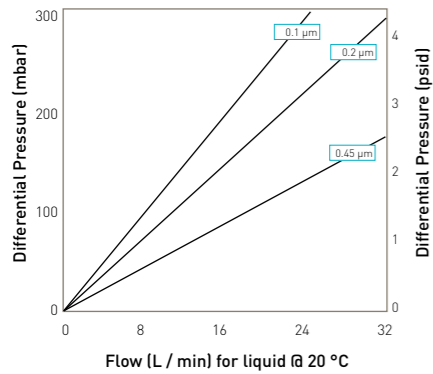
The mirrored anisotropic polyethersulphone membrane is inherently hydrophilic and has a pore morphology that delivers exceptionally high flow rates.

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

Specifications

Materials of Construction

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

Temperature °C	Temperature °F	Max. Reverse dP (barg)	Max. Reverse dP (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" (250 mm)	001 0.1	0 Buna N	DOE only
5 Encapsulated 316 SS Insert	1 DOE	20 20" (500 mm)	002 0.2	1 EPDM (standard)	1 0.200" (5 mm)
6 Encapsulated Polysulphone Insert	2 Flat / 226	30 30" (750 mm)	004 0.45	2 Silicone	2 1.25" (3 mm)
A 1/2" Shortened Filter Only	3 Flat / 222	40 40" (1000 mm)		4 Viton®	4 0.20" (5 mm) [1] &
	6 Flat / 020 Internal			5* FEP-Encapsulated Viton®	5 0.125" (3 mm) [1]
	7 Fin / 226			6* FEP-Encapsulated Silicone	N No gasket
	8 Fin / 222			N None	
	G 120 / Internal / Recessed Endcap				
	H 213 Internal / Recessed Endcap				
	R 213 Internal / Recessed Endcap (Ametek®)				
	222 / Recessed Endcap				

All cartridges are 2.75" (69 mm) in diameter

* o-rings only

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

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