



## 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.

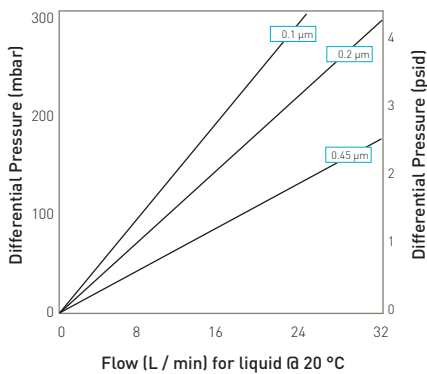
Because there are no added surfactants or wetting agents and the support layers and hardware are all polypropylene, the filter exhibits low extractables, broad chemical compatibility and good resistance to hydrolysis.

### Features and Benefits

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



### Performance Characteristics



10" Size (250 mm) Cartridge

## 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 m<sup>2</sup> (5.4 ft<sup>2</sup>) 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) & 0.125" (3 mm) (1)
	6 Flat / 020 Internal			5* FEP-Encapsulated Viton®	N No gasket
	7 Fin / 226			6* FEP-Encapsulated Silicone	
	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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