CLARIFLOW G Filter Cartridges

- liquid filters
- polyethersulphone

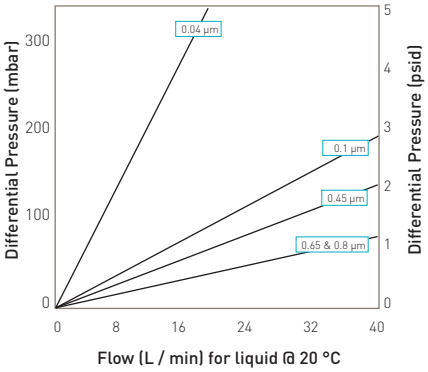
CLARIFLOW General Grade cartridges are designed for general purpose use in the filtration of high-purity liquids. The mirrored anisotropic Polyethersulfone (PES) membrane is inherently hydrophilic and has a pore morphology that delivers exceptionally high flow rates.

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

Features and Benefits

- Broad chemical compatibility allows use in most applications
- Low differential pressure reduces system wear and tear
- Thermally bonded construction minimises extractables for cleaner filtrates

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
- Standard o-rings: EPDM / gaskets

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

0.63 m^2 (6.8 ft^2) per 10 inch (250 mm) cartridge

Applications

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

Ordering Information

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Code	End Fitting
0	DOE (Cuno®)
1	DOE
2	Flat /226
3	Flat / 222
6	Flat / 020 Internal
7	Fin / 226
8	Fin / 222

Code	Length (Nominal)	
10	10"	(250 mm)
20	20"	(500 mm)
30	30"	(750 mm)
40	40"	(1000 mm)

Code	Filter Rating
924	0.04
001	0.1
002	0.2
004	0.45
006	0.65
008	0.8

Code	Gasket o-rings
0	Buna N
1	EPDM (standard)
2	Silicone
4	Viton
5*	FEP-Encapsulated Viton
6*	FEP-Encapsulated Silicone
N	None

* *o-rings only*

Code	Gasket Thickness	
DOE only		
1	0.20"	(5 mm)
2	1.25"	(3 mm)
4	0.2"	(5 mm) (1) &
	0.125"	(3 mm) (1)
N	No gasket	

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

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