

Clariflow®-G

Hydrophilic Polyethersulfone (PES) membrane for aqueous liquid filtration applications

Clariflow®-G cartridges are designed for general-purpose use in the filtration of high-purity liquids and aqueous chemicals.

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.



Benefits

- High flow rate reduces processing time
- Broad chemical compatibility allows use in most applications
- Low differential pressure reduces system wear and tear
- Chemical filtration

Applications

- Chemical filtration
- Liquid clarification
- Recirculating fluids
- General use water filtration
- Deionized water systems

Parker Hannifin Corporation provides our customers with unsurpassed product consistency and cost-efficiency. Our experienced professionals can help you select the right solution for your application. For more information or to place an order, contact your local distributor. Information on product specifications, applications and chemical compatibility can be found on our web site at www.parker.com or through your nearest **Parker Hannifin Corporation** office.

Parker Hannifin Corporation designs and manufactures an extensive line of innovative solutions for specific applications in the Microelectronics, Biopharmaceutical, Food and Beverage, Industrial and Chemical industries.



ENGINEERING YOUR SUCCESS.

Clariflow®-G

Specifications

Materials of Construction

Membrane : Polyethersulfone
 Support layers : Polypropylene
 Structure : Polypropylene

Effective Filtration Area

6.8ft² (0.63m²) per 10" (250mm) cartridge

Maximum Differential Pressure/ Temperature

Forward: 80psid (5.5bar) @ 75°F (24°C)
 40psid (2.8bar) @ 180°F (82°C)

Reverse: 50psid (3.4bar) @ 75°F (24°C)

Maximum Operating Temperature

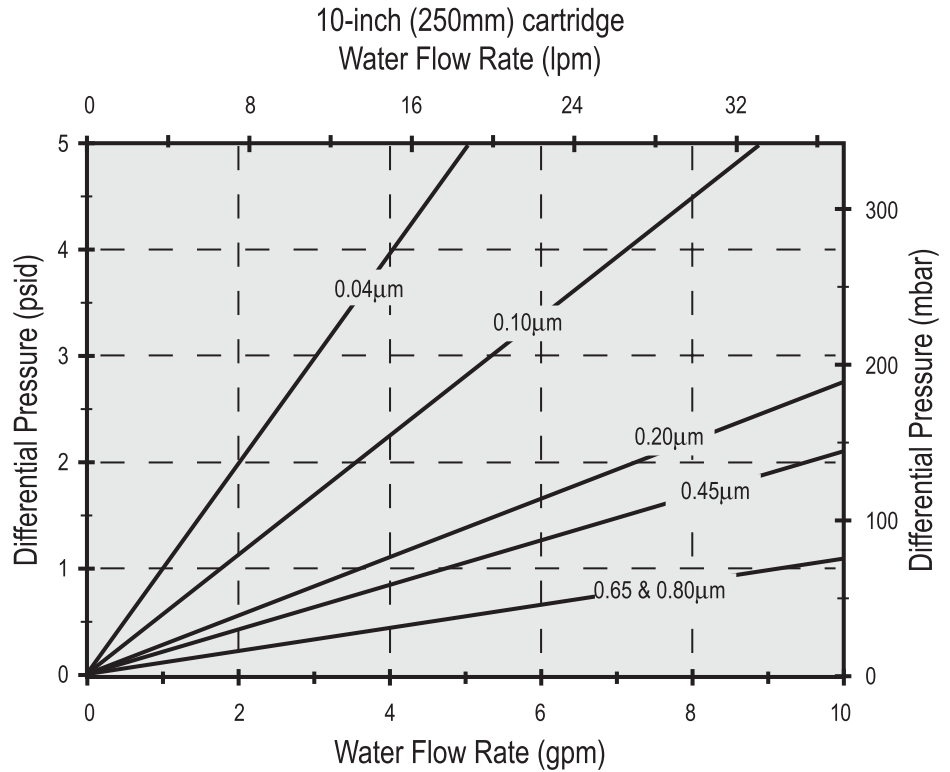
160°F (71°C)

Performance Attributes

Water Flow rates, Typical *

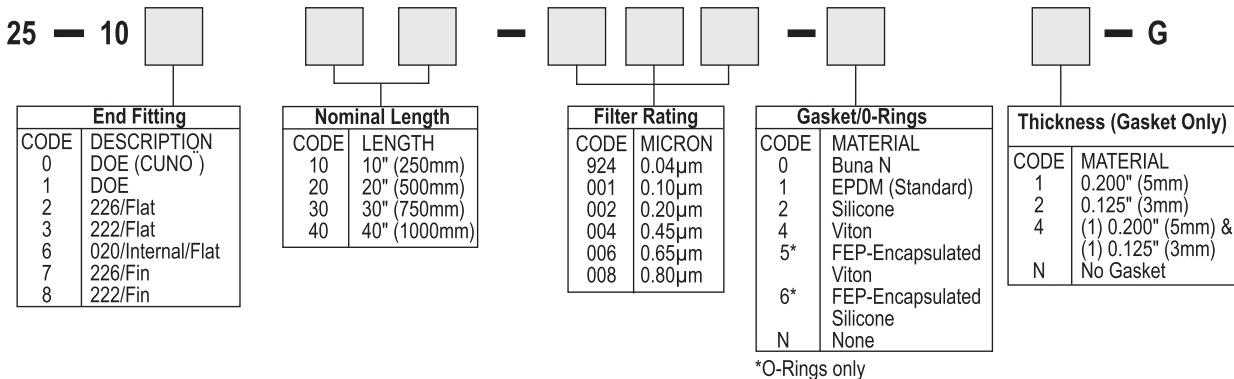
0.04μm	1.0gpm/psid (5.29lpm/100mbar)	0.45μm	4.8gpm/psid (26.35lpm/100mbar)
0.10μm	1.8gpm/psid (9.88lpm/100mbar)	0.65μm	9.2gpm/psid (50.51lpm/100mbar)
0.20μm	3.7gpm/psid (20.31lpm/100mbar)	0.80μm	9.5gpm/psid (52.16lpm/100mbar)

*Per 10-inch (250 mm) cartridge equivalent.



Ordering Information

Each cartridge is identified with a product number, pore size and lot number for traceability.



Clariflow is a registered trademark of Parker Hannifin Corporation. fin Corporation.

Vilton is a registered trademark of E.I. DuPont de Nemours & Co., Inc. Cuno is a registered trademark of Cuno Inc.

© 2008 Parker Hannifin Process Advanced Filtration Inc. All Rights Reserved. SPEC-25G Rev J 05/08



FISCHER-ROBERTSON, INC.
FILTRATION & SEPARATION

(513) 860-3445 | Sales@fischer-robertson.com

ENGINEERING YOUR SUCCESS.