

FiberFlo® Hydrophobic Oxygenation Capsule Filters

FiberFlo hydrophobic oxygenation filters are manufactured using unique polypropylene hollow fibers that provide low extractables and a wide range of chemical compatibility. Asymmetric, microporous hollow fibers provide a wide range of gas sparging capability making them ideally suited for high value added applications. FiberFlo oxygenation filters are available with a variety of inlet and outlet connections.

FiberFlo oxygenation filters are designed and manufactured in accordance with an ISO 9000 Quality Management System. For easy identification and traceability each capsule is labeled with a lot number, catalog number, pore size and serial number. FiberFlo oxygenation filters are 100% integrity tested during the manufacturing process. All FiberFlo filter devices are manufactured and tested non-pyrogenic by Limulus Amebocyte Lysate (LAL).

Typical Applications

The oxygenation of process solutions.

Specifications

Materials

Hydrophobic polypropylene membrane, polycarbonate housing and polypropylene vent caps.

Connections

FiberFlo oxygenation filters are available with 1/4" NPTM, 3/8" NPTM, 3/8" Hose Barb, 1/2" Hose Barb and Sanitary connectors.

Pore Sizes

0.03 μm

Filter Area

Large: 6000 cm^2 (6.5 ft^2), Medium: 2300 cm^2 (2.5 ft^2), Small: 950 cm^2 (1.0 ft^2)

Maximum Inlet Pressure

85 psi (5.8 Bars)

Maximum Differential Pressure

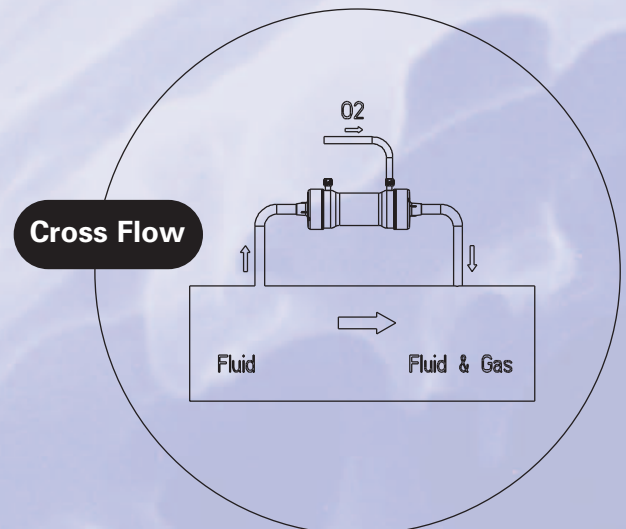
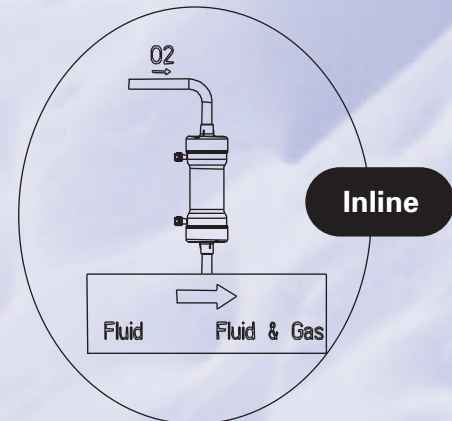
40 psi (2.7 Bars)

Gravimetric Extractables

FiberFlo oxygenation filters pass the USP standards for total solids for purified water.

Oxidizable Substances

FiberFlo oxygenation filters pass the USP standards for oxidizable substances for purified water.



Toxicity

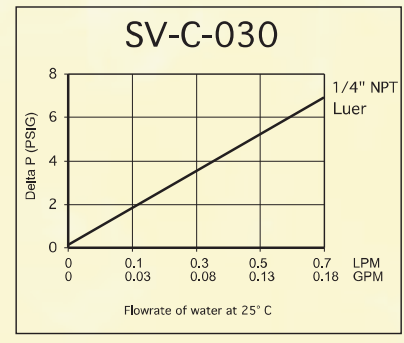
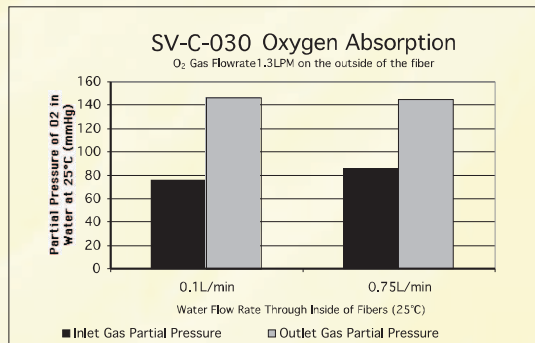
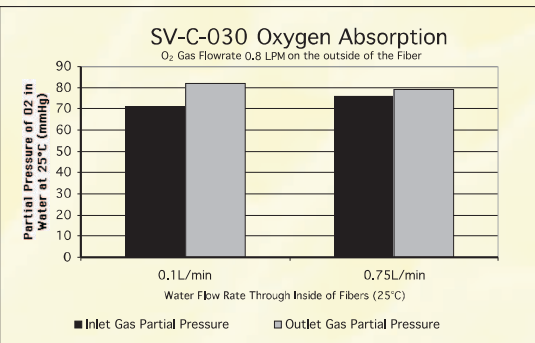
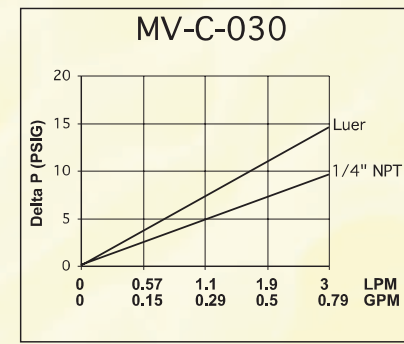
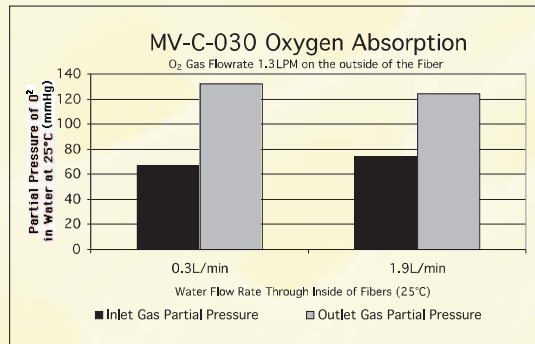
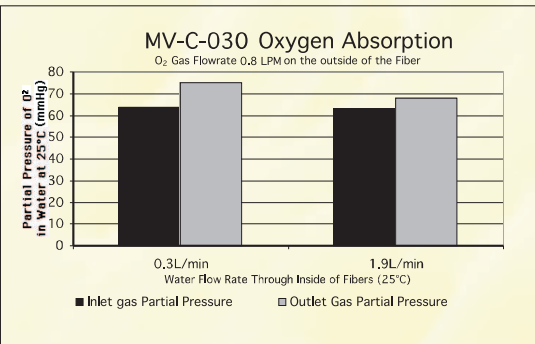
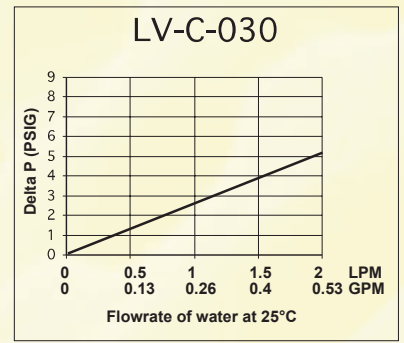
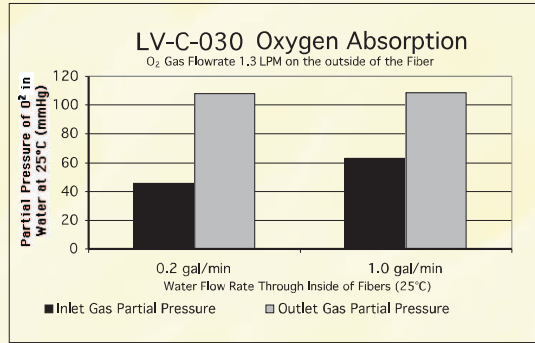
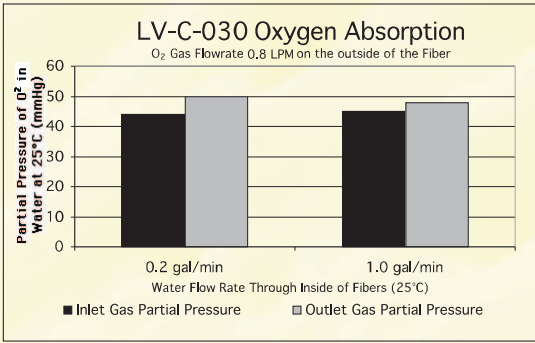
The FiberFlo oxygenation filter components have been tested according to ISO guidelines for biocompatibility and have been found to be acceptable.

Integrity Test

Diffusive Flow < 80 ml/min. per filter @ 30 psig

Oxygen Absorption

Flow Rates (water at 25°C)



Ordering Information

LV - C - 030 - K

Capsule Size
(Membrane Surface Area)

- L = 6.5 ft²
- M = 2.5 ft²
- S = 1.0 ft²

Crossflow
C = Crossflow

Micron Rating
030 = 0.03µm

End-Fitting Option
(See Product Pricing Guide for details)

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