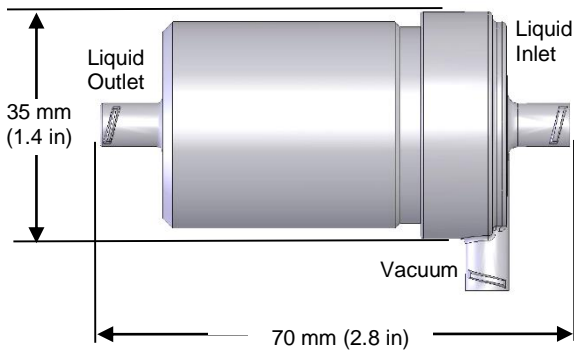
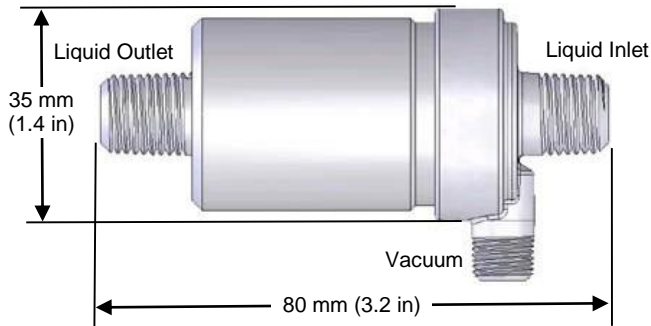


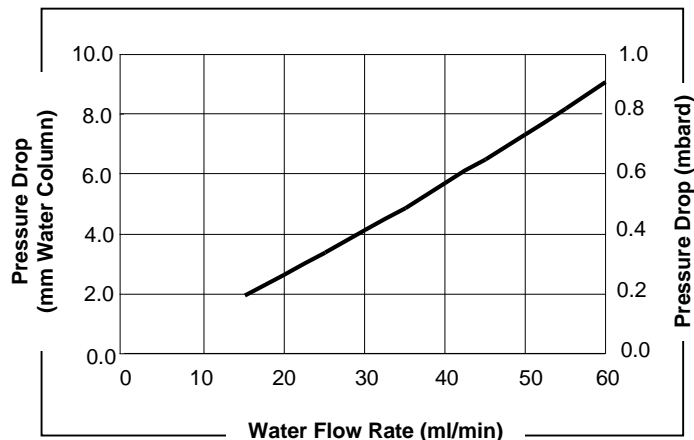
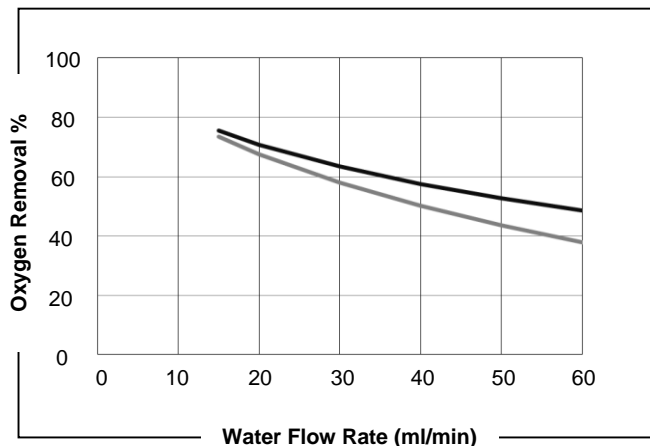
1 x 3 RADIAL FLOW SUPERPHOBIC® PRODUCT DATA SHEET



Note: All dimensions are nominal values. Refer to liqui-cel.com for detailed housing drawings.

Membrane Characteristics	
Cartridge Configuration	No Baffle Radial Flow
Liquid Flow Guidelines	15 - 60 ml/min Liquid must flow on the shellside
Membrane Type	UltraPhobic™ UltraPhobic™ II
	Recommended for low surface tension liquids that are water-based Recommended for low surface tension fluids with aggressive formulations
Membrane/Potting Material	Polyolefin / Polyethylene
Typical Membrane Surface Area	294 cm ²
Priming Volume	
Shellside	15 ml
Pressure Guidelines*	
Maximum Shellside LIQUID Working Temperature/ Pressure	5-25° C, 3.1 barg (41-77° F, 45 psig) 40° C, 1.0 barg (104° F, 15 psig)
* Note: Liquid pressure should always exceed gas pressure.	
Housing Options and Characteristics	
Material	Black Polyethylene
Connections	
Shellside (Liquid Inlet/Outlet)	<ul style="list-style-type: none"> • 1/4 inch NPT Male • Standard Female Luer Lock
Lumenside (vacuum)	<ul style="list-style-type: none"> • 1/8 inch NPT Male • Standard Female Luer Lock
Weight (approximate)	
Dry	28 grams
Liquid full	43 grams
Regulatory	
Complies with the limits as set by RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC. Constructed of FDA CFR title 21 compliant materials for wetted parts only at ambient temperatures.	

1 x 3 RADIAL FLOW SUPERPHOBIC[®] PRODUCT DATA SHEET



— UltraPhobic™ — UltraPhobic™ II

Test condition O₂ Removal: Vacuum mode with water at 35° C, 50 torr.

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