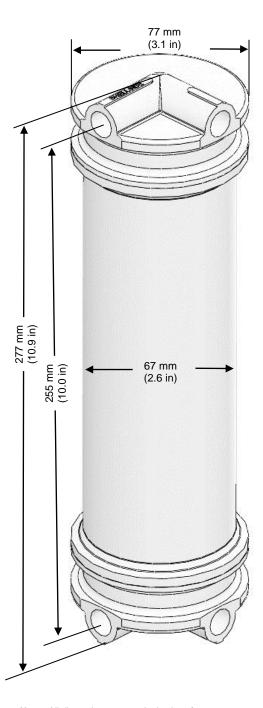


SuperPhobic MEMBRANE CONTACTORS

2.5 x 8 SuperPhobic® PRODUCT DATA SHEET



Note: All dimensions are nominal values for contactors with NPT connections. Overall length with Flaretek connections increases. See www.liqui-cel.com for all housing drawings.

Cartridge Configuration	Extra-Flow with Center Baffle
Liquid Flow Guidelines	0.1 – 0.7 m ³ /hr (0.5 – 3 gpm)
	Liquid must flow on the shellside
Membrane/Potting Material	Polyolefin / Polyethylene
Typical Membrane Surface Area	1.2 m ² (13 ft ²)
Priming Volume	
Shellside	0.23 liters (0.06 gal)
Lumenside	0.09 liters (0.02 gal)
Pressure Guidelines*	
Maximum Shellside <u>LIQUID</u>	5-25° C, 4.1 barg (41-77° F, 60 psig)
Working Temperature/ Pressure	50° C, 1.0 barg (122° F, 15 psig)
If no vacuum is used, 1 barg (15 psig) can be	added to pressures above.
Maximum Applied Cos Pressure	
Maximum Applied Gas Pressure	4.1 barg at 25° C (60 psig at 77° F)
••	4.1 barg at 25° C (60 psig at 77° F) ng at ambient temperatures. Normal operating pressures are
Max applied gas pressure is for integrity testin typically lower.	ng at ambient temperatures. Normal operating pressures are temp/pressure limits for housings and membrane.
Max applied gas pressure is for integrity testin typically lower. * See Operating Guide for complete listing of	ng at ambient temperatures. Normal operating pressures are temp/pressure limits for housings and membrane. gas pressure.
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Regulatory

Dry

Liquid full (shellside)

Shipping weight

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.

0.5 kg (1.1 lbs)

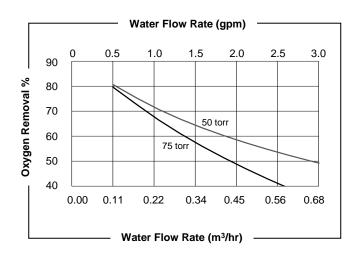
0.7 kg (1.6 lbs)

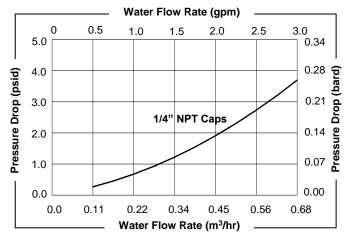
1.0 kg (2.2 lbs)





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Test condition O2 Removal: Vacuum mode with water at 20° C. Characteristics may change under different operating conditions.

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