



# 3M™ Liqui-Cel™ SP-1×6 Series Membrane Contactor

## Typical Properties

Membrane Characteristics	
Cartridge Configuration	Radial Flow
Liquid Flow Guidelines	15 - 300 ml/min (Liquid must flow on the shellside)
Flow rates are guidelines for product selection and reflect the flow range at which the product was tested. Product may be capable of operating above listed flow range depending on liquid being degassed and user's target dissolved gas requirements.	
Membrane Type	UP II Recommended for low surface tension fluids
Membrane/Potting Material	Polyolefin / Polyethylene
Priming Volume (approximate)	
Shellside	68 ml

Pressure Guidelines*	
Maximum Shellside LIQUID Working Temperature/ Pressure	5-25°C, 4.1 barg (41-77°F, 60 psig) 75°C, 1.0 barg (167°F, 15 psig)

\* Note: Liquid pressure should always exceed gas pressure.

Housing Options and Characteristics	
Material	Black Polyethylene
Connections	
Shellside (Liquid Inlet/Outlet)**	Quick disconnect compatible with CPC™ PLC12 series
Lumenside (Vacuum)**	Quick disconnect compatible with CPC™ PLC12 series

\*\* Note: Use of metal connectors is not recommended.

Seal Options (Only applicable to the external seals. No internal seals are used.)	
Material	Applications
FFKM	General Purpose

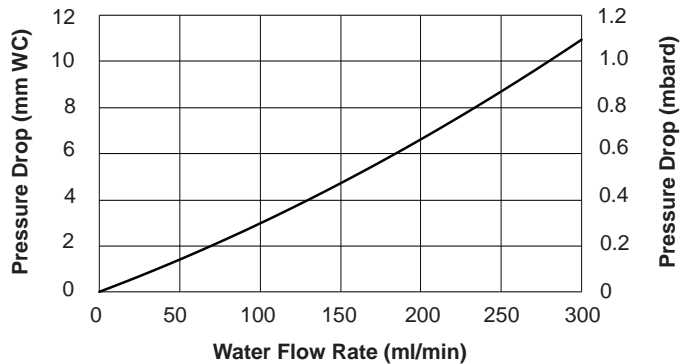
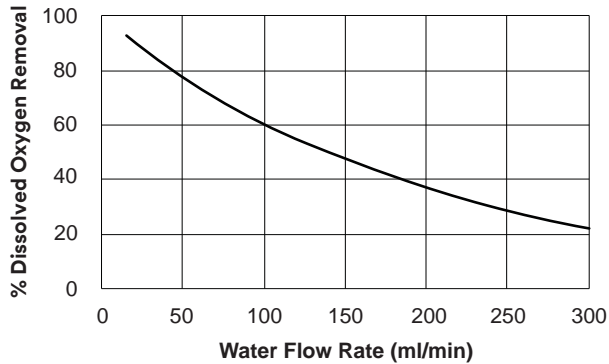
Weight (approximate)	
Dry	61 grams

Regulatory	
Complies with the limits as set by RoHS Directive 2011/65/EU Annex II. 3M™ Liqui-Cel™ SP-1×6 Series Membrane Contactors are not constructed of FDA Title 21 CFR parts 177-190 compliant materials. Not for use in food contact applications.	



All dimensions are nominal values. See full housing drawing on [3M.com/Liqui-Cel](http://3M.com/Liqui-Cel) for additional details.

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Test condition O<sub>2</sub> Removal: Vacuum mode with water at 25°C. Vacuum: 50 torr

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