

3M™ Liqui-Cel™ SP-2×6 Series Membrane Contactor

Typical Properties

Membrane Characteristics	
Cartridge Configuration	Radial Flow
Liquid Flow Guidelines	100 mL/min - 2 litre/min Liquid must flow on the shell side
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/Potting Material	Polyolefin/Polyethylene
Shell Side Priming Volume (Approximate)	
NPT Connection	95 mL
QDC Connection	100 mL

Pressure Guidelines*	
Maximum Shell Side LIQUID Operating Temperature/Pressure	
5 - 25°C (41 - 77°F)	7.2 barg (105 psig)
75°C (167°F)	1.0 barg (15 psig)
*Note: Liquid pressure should always exceed gas pressure.	

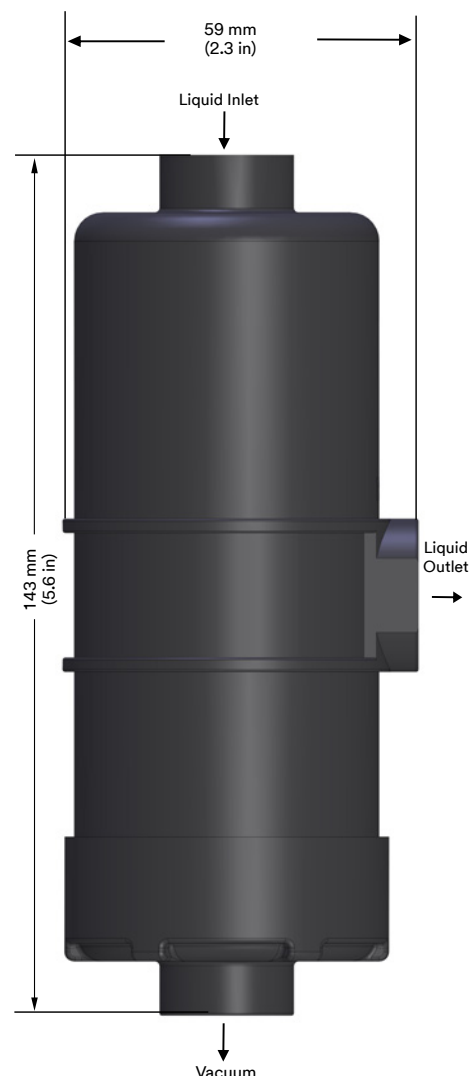
Housing Characteristics	
Material	Polyethylene
Flange Connections	
Shell Side (Liquid Inlet/Outlet)**	¼ inch NPT female Quick Disconnect compatible with CPC™ PLC12 Series Connectors
Lumen Side (Vacuum)**	¼ inch NPT female Quick Disconnect compatible with CPC™ PLC12 Series Connectors

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

Seal Material Options for Shell Side Wetted Parts	
Only applicable to external seals on Quick Disconnect connections. No internal seals are used.	
FFKM	

Weight (Approximate)		
Dry	NPT Connection	QDC Connection
	127 g	131 g

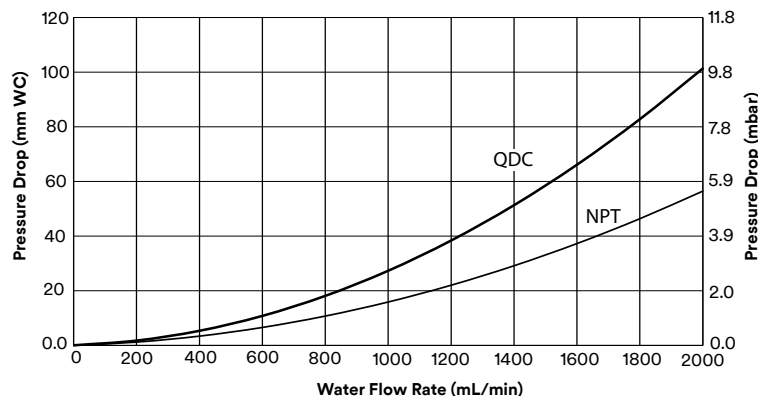
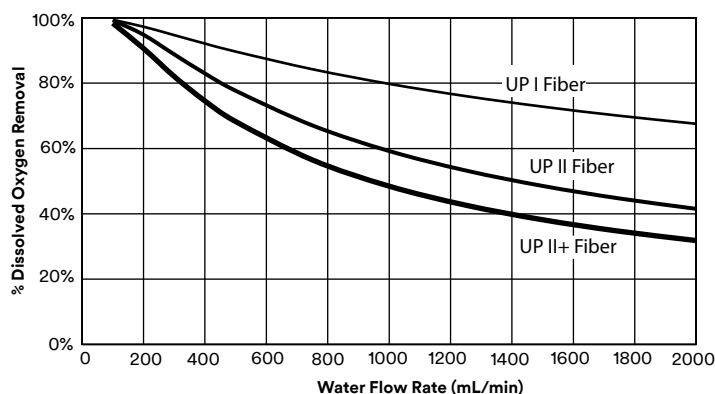
Regulatory
Complies with the limits as set by (EU) 2015/863 amending Annex II to the Restriction on Hazardous Substances (RoHS) Directive (2011/65/EU). 3M™ Liqui-Cel™ SP-2×6 Series Membrane Contactors are constructed of FDA Title 21 CFR § 174-186 compliant materials for wetted parts only at ambient temperatures.



All dimensions are nominal values for NPT connections. The 2×6 with Quick Disconnect connections is longer. See full housing drawing on 3M.ca/Liqui-Cel for additional details.

Not for consumer sale or use.

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Test condition O₂ Removal: Vacuum mode with water at 45°C. Vacuum: 50 torr

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