

# AMI™ MEMBRANES

## ULTRA-FILTRATION POLYACRYLONITRILE

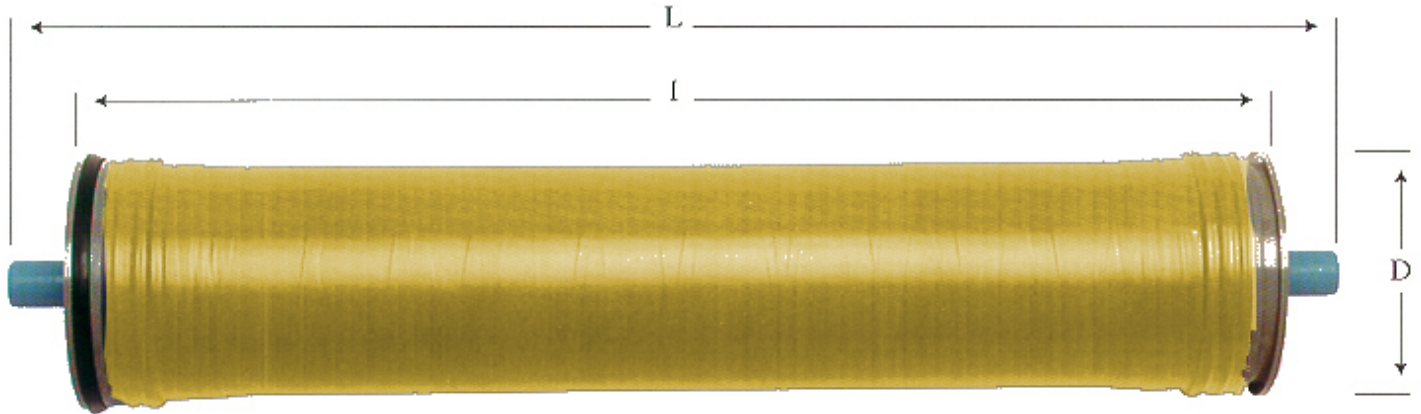
### PERFORMANCE SPECIFICATIONS

Model Number	Pure Water Flux (GFD)	Nominal Active Surface Area ft <sup>2</sup>	Solute Retention
M-U4040PAN	900	80	>90% rejection of 20,000 MW poly(ethylene glycol)

### Applications

Typical application areas for PAN membrane are:

- Fuel oil/water separations
- Gray water
- Black water
- Paper/pulp
- Lignin and textile wastewater cleanup
- Tolerant to many solvents and oils



### RECOMMENDED OPERATING CONDITIONS

Maximum operating pressure	200 psi (13.8 bar) at 25°C (77°F)
Maximum operating temperature	50°C (122°F)
Recommended Operating pH	3-9

### DIMENSIONS

Model No.	L		l		D	
	Inches	CM	Inches	CM	Inches	CM
M-U4040PAN	40	1016	38	96	3.9	9.9

Applied Membranes, Inc. assumes no liability for results obtained or damages incurred through the improper application of the above information and data.

**APPLIED**  
**MEMBRANES INC.**

2325 Cousteau Ct., Vista, CA 92083 • (760) 727-3711 • FAX (760) 727-4427  
Sales@appliedmembranes.com • www.appliedmembranes.com

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### Important Operating Information

1. Elements must be kept sealed and moist when in storage. Drying out will irreversibly damage the membranes.
2. Prevent elements from freezing, or being exposed to direct sunlight.
3. Elements are shipped in sealed bags and contain a preservative solution of 1-2% (by weight) of sodium meta bisulfite (Food Grade).
4. Discard the permeate from the first hour of operation.
5. Applied Membranes' obligation under this warranty is limited to and shall be fully discharged by repairing or replacing any defective part FOB its works. Applied Membranes shall not be liable for damages or delay caused by defective material. Please refer to detailed warranty information.
6. Warranty claims for membrane elements must be made as detailed in Membrane Warranty Claims

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