

## Ultrafiltration Membranes – Polyacrylonitrile (PAN)

### PERFORMANCE SPECIFICATIONS

Model No.	Size (Dia."× Length")	Style	Outer Wrap	Molecular Weight Cut-Off (MWCO)
M-U1812PAN	1.75 × 12	Standard	Tape Wrap	20,000
M-U2514PAN	2.5 × 14	Standard	Tape Wrap	20,000
M-U2521PAN	2.5 × 21	Standard	Tape Wrap	20,000
M-U2540PAN	2.5 × 40	Standard	Tape Wrap	20,000
M-U4014PAN	4.0 × 14	Standard	Tape Wrap	20,000
M-U4021PAN	4.0 × 21	Standard	Tape Wrap	20,000
M-U4040PAN	4.0 × 40	Standard	Tape Wrap	20,000
M-U4040PAND	4.0 × 40	Flush-Cut	Tape Wrap	20,000
M-UB4040PAND	4.0 × 40	Flush-Cut	FRP Wrap	20,000
M-UB8040PAN400	8.0 × 40	Flush-Cut, 46 mil	FRP Wrap	20,000

30 mil spacer standard for 2-4" Dia. For 43 mil spacer, add -43 at the end of the model number. Example: M-U2540PAN-43.

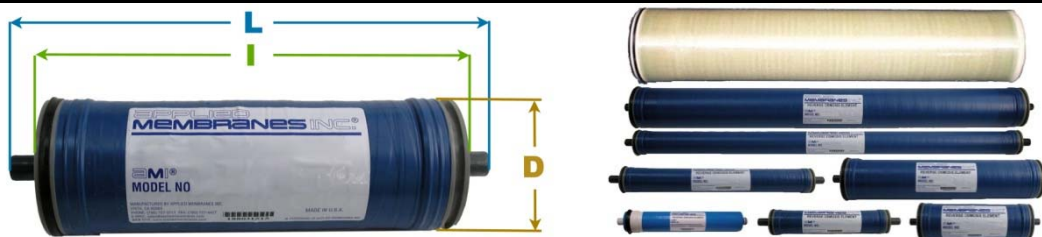
Note: An interconnector is provided with each 8" element, part no. PV-IN810.

### APPLICATIONS

- ◆ Fuel Oil/Water Separations
- ◆ Gray Water
- ◆ Black Water
- ◆ Paper/Pulp Wastewater Treatment
- ◆ Lignin and Textile Wastewater Cleanup
- ◆ Applications Requiring Tolerance to Many Solvents and Oils

### RECOMMENDED OPERATING CONDITIONS

◆ Maximum Operating Pressure	200 psig at 77°F (25°C)
◆ Maximum Feed Flow Rate	
○ 1.8" Diameter Elements	2 gpm
○ 2.5 – 4" Diameter Elements	20 gpm
○ 8" Diameter Elements	80 gpm
◆ Maximum Operating Temperature	122°F (50°C)
◆ Feed water pH Range, Continuous Operation	3-9



Model No.	L		I		D	
	inches	centimeters	inches	centimeters	inches	centimeters
M-U1812PAN	11.75	29.8	10.0	25.4	1.75	4.4
M-U2514PAN	14	35.6	11.62	30	2.5	6.4
M-U2521PAN	21	53.3	19	48	2.5	6.4
M-U2540PAN	40	101.6	38	96	2.5	6.4
M-U4014PAN	14	35.6	12	30	3.9	9.9
M-U4021PAN	21	53.3	19	48	3.9	9.9
M-U4040PAN	40	101.6	38	96	3.9	9.9
M-U(B)4040PAND	40	101.6	N/A	N/A	3.9	9.9
M-UB8040PAN400 1.125" Permeate Tube	40	101.6	N/A	N/A	7.9	20.1

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