

2,5" ECOAT Ultrafiltration Element PVDF Spiral with FRP outer wrap

Physical Dimensions

Membrane Element	Style	Membrane Area	Feed Spacer	Element length "A"	Element length "B"	Element diameter "C"	Permeate tube ID "D"
PV350-2514-31N	A	6ft ² (0.55m ²)	31mil (0.8mm)	14 in (356mm)	12 in (305mm)	2,5 in (63,5mm)	0.75 in (19.1mm)
PV400-2514-31N	A	6ft ² (0.55m ²)	31mil (0.8mm)	14 in (356mm)	12 in (305mm)	2,5 in (63,5mm)	0.75 in (19.1mm)
PV350-2521-31N	A	11ft ² (1.0m ²)	31mil (0.8mm)	19 in (483mm)	18 in (457mm)	2,5 in (63,5mm)	0.75 in (19.1mm)
PV400-2521-31N	A	11ft ² (1.0m ²)	31mil (0.8mm)	19 in (483mm)	18 in (457mm)	2,5 in (63,5mm)	0.75 in (19.1mm)
PV350-2540-31N	A	25ft ² (2.3m ²)	31mil (0.8mm)	40in (1.016mm)	38 in (965mm)	2,5 in (63,5mm)	0.75 in (19.1mm)
PV400-2540-31N	A	25ft ² (2.3m ²)	31mil (0.8mm)	40in (1.016mm)	38 in (965mm)	2,5 in (63,5mm)	0.75 in (19.1mm)

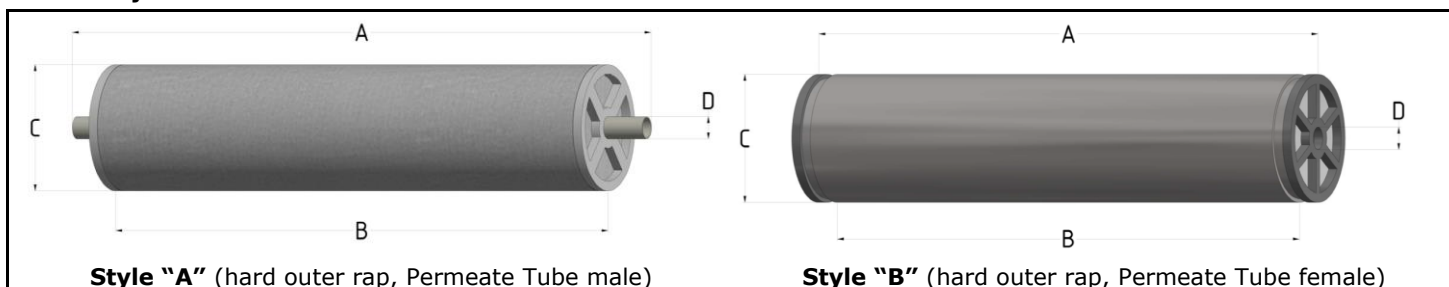
Operating Parameters†

Membrane Element	Feed flow rate	typical inlet pressure	typical outlet pressure	max. permeate back pressure	max. feed side pressure	Max Cleaning Temp
PV350-2514-31N	5gpm (1,1 m ³ /h)	50 psi (3.5 bar)	29 psi (2.0 bar)	5 psi (0.35 bar)	29 psi (2.0 bar)	120 °F (49 °C)
PV400-2514-31N	5gpm (1,1 m ³ /h)	50 psi (3.5 bar)	29 psi (2.0 bar)	5 psi (0.35 bar)	29 psi (2.0 bar)	120 °F (49 °C)
PV350-2521-31N	5gpm (1,1 m ³ /h)	50 psi (3.5 bar)	29 psi (2.0 bar)	5 psi (0.35 bar)	29 psi (2.0 bar)	120 °F (49 °C)
PV400-2521-31N	5gpm (1,1 m ³ /h)	50 psi (3.5 bar)	29 psi (2.0 bar)	5 psi (0.35 bar)	29 psi (2.0 bar)	120 °F (49 °C)
PV350-2540-31N	9gpm (2 m ³ /h)	50 psi (3.5 bar)	22 psi (1.5 bar)	5 psi (0.35 bar)	34 psi (2.4 bar)	120 °F (49 °C)
PV400-2540-31N	9gpm (2 m ³ /h)	50 psi (3.5 bar)	22 psi (1.5 bar)	5 psi (0.35 bar)	34 psi (2.4 bar)	120 °F (49 °C)

† Recommended Nominal Values. Consult factory for detailed operating and cleaning instructions. **Order code:** PVxxx-xxxxAF-xA0D

Note: Anodic and Cathodic permeate output will vary depending on system design and paint bath chemistry.

Element Style



The element diameter (dimension C) is designed for optimum performance in Nanostone pressure vessels or end caps. Other pressure vessel dimension and tolerance may result in excessive bypass and loss of capacity.