PT Series

FACT SHEET

Industrial Ultrafiltration Elements – PES 5,000 MWCO

The PT family of polyethersulfone ultrafiltration membrane elements is characterized by a 5,000-molecular weight cut-off.

Table 1: Element Specification

Membrane	P-Series, Polyethersulfone

Model	Spacer mil (mm)	Active area ft^2 (m^2)	Outer wrap	Part number
PT8040C50	50 (1.27)	264 (24.5)	Cage	1240574
PT8040F30	30 (0.76)	340 (31.6)	Fiberglass	1229772

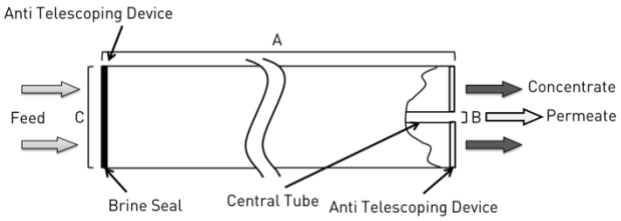

Figure 1 : Element Dimensions Diagram (Female)

Table 2: Dimensions and Weight

Model		Dimensions, inches (cm)			Boxed
	Type	A	B	C	Weight lbs (kg)
PT8040*	Female	40.0 (101.6)	1.125 (2.86)	7.9 (20.1)	35 (15.9)

Table 3: Operating and CIP parameters

Typical Operating Flux	5 – 20 GFD (8 – 34 LMH)
Maximum Operating Pressure	200psi (1,379kPa)
Maximum Temperature	Continuous Operation: 122°F (50°C) Clean-In-Place (CIP): 122°C (50°C)
pH range	Continuous Operation: 2.0-10.0, Clean-In-Place (CIP): 1.0-13.0(1)
Maximum Pressure Drop	Over an element: 15psi (103kPa) Per housing: 60psi (414kPa)
Chlorine Tolerance	5,000 ppm days

(1) Refer to Cleaning Guidelines Technical Bulletin TB1194EN

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