

2500/4000
Series

Stainless Steel Membrane Housing Pressure Vessels

Pureteck Water Treatment Technologies is the premier manufacturer and supplier of components for residential and commercial reverse osmosis and water filtration systems.

*Combining
Precision Design
with
High Performance*

Pureteck 2500/4000 Series stainless steel membrane pressure vessels are designed and precision manufactured, using high-grade materials and components, for direct connection to all standard RO membrane elements and are available in 304 and 316 stainless steel.

All **Pureteck 2500/4000 Series** vessels are constructed from 2mm-thick stainless steel and use glass-fiber reinforced polyamide end caps. These high performance end caps offer higher rigidity, tensile, and compression strength, as well as toughness and UV resistance. In addition, all vessels are fitted with special EPDM U-packing sealers, instead of O-rings, to provide superior leak proofing.

A combination of precision design and manufacturing processes along with attention to detail ensures all **Pureteck 2500/4000 Series** vessels supply superior flow and reduced pressure drop. Accurate dimensions and precise tolerances eliminate flow by-pass while securing proper membrane element seal. With proper installation, operation, and maintenance, Pureteck stainless steel membrane pressure vessels provide safe operation over a long service life.



We hope you will discover the advantages of **Pureteck 2500/4000 Series** membrane vessels for use in your systems. Compare features such as quality, performance, and price. You'll find that Pureteck stainless steel membrane pressure vessels offer an exceptional value.

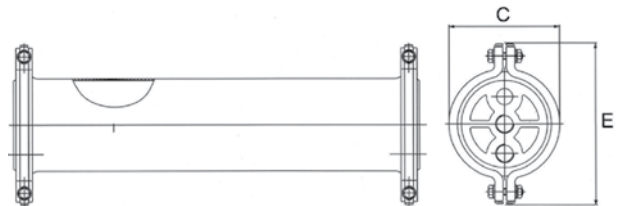
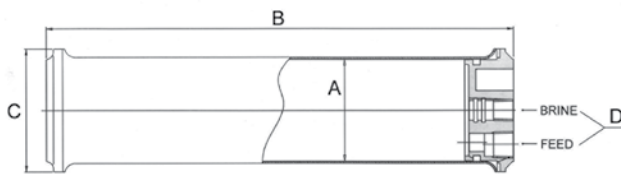
Specifications

Electro polishing is available as an option for all 2500/4000 series stainless steel membrane pressure vessels. The electro polishing option provides:

- Reduced surface roughness
- Excellent light reflection and depth of clarity, and improved sterilization and maintenance of hygienically clean surfaces for food and drug, beverage, and chemical processing equipment.

Components Construction Materials

Component	Material
Housing	304 Stainless Steel. 316 Stainless Steel available.
End Cap	Glass fiber reinforced polyamide thermoplastic nylon (PA 66). Stainless Steel available.
O-ring/U-Packing	EPDM
Clip	304 Stainless Steel
Fasteners	304 Stainless Steel



Model	Number of Elements	Size Dia x Length	A (inch)	B (inch)	C (inch)	D (inch) Feed	D (inch) Brine	E	Pressure (psi)	Weight (lbs)
2514-38	1	2.5" x 14"	2.52"	15.88"	3.05"	3/8"	1/4"	5.00"	300	3.28
2521-38	1	2.5" x 21"	2.52"	22.88"	3.05"	3/8"	1/4"	5.00"	300	4.15
2540-38	1	2.5" x 40"	2.52"	41.88"	3.05"	3/8"	1/4"	5.00"	300	6.50
4014-12	1	4" x 14"	4.02"	15.88"	4.84"	1/2"	1/2"	7.20"	300	6.92
4021-12	1	4" x 21"	4.02"	22.88"	4.84"	1/2"	1/2"	7.20"	300	8.91
4040-12	1	4" x 40"	4.02"	41.88"	4.84"	1/2"	1/2"	7.20"	300	14.25
4040-34	1	4" x 40"	4.02"	41.88"	4.84"	3/4"	1/2"	7.20"	300	14.25
4080-34	2	4" x 80"	4.02"	82.13"	4.84"	3/4"	1/2"	7.20"	300	25.65



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