



PRODUCT FACT SHEET

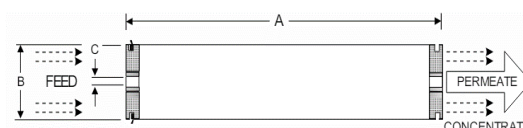
Ecomembrane recovered from the product Hydranautics SWC4+/SWC5

Description:

Reverse osmosis Ecomembrane for high-salinity water treatment that has been regenerated using proprietary, sustainable technology. This membrane's lifespan has been extended, and as a result, each unit put into service prevents the emission of 93 kg of CO_{2-e} into the atmosphere resulting from its manufacturing and prevents 15 kg of various plastics from being disposed to landfills.

The resulting technical specifications are detailed in this document.

Dimensions:



A, inches (mm)	B, inches (mm)	C, inches (mm)	Weight, lbs. (kg)
40.0 (1016)	7.95 (201.9)	1.125 (28.6)	36 (16.4)

Performance:

	Active area	Permeate flow	Salt rejection	Feed spacer
	ft ² (m ²)	GPD (m ³ /d)	%	mil
Ecomembrane recovered from SWC4+/SWC5	400 (37)	>6,700 (>25)	>99,4 %	28

- The data shown in the table were simulated in a test with 32,000 ppm NaCl, 800 psi (5.5 MPa), 77°F (25°C), pH 8, and 8% conversion. If these conditions differed, the values shown have been normalized to those conditions.

- The flow rate shown may vary by ±15%.

Cleaning and operating data:

Maximum operating temperature	113 °F (45 °C)
Maximum operating pressure	1.200 psig (83 bar)
Maximum Pressure Drop per element	13 psig (0,9 bar)
pH range	
Continuous operation	2-11
Short term cleaning (30 min)	1-13
Maximum feed Silt Density Index (SDI)	5
Maximum chlorine concentration	< 0,1 ppm

- The maximum temperature for continuous operation above pH = 10 is 95°F (35°C).

- Under certain conditions, the presence of free chlorine and other oxidizing agents will cause premature damage to the membrane. Oxidation damage is not covered by the warranty.

- The customer is responsible for any consequences that may occur to the membrane due to the use of chemicals and/or lubricants that are not compatible with it.

- Consult with Ecomemb's technical department for recommendations regarding flow rates, fluxes, conversions, and other operating parameters based on water quality.

- This product may be subject to potable water application restrictions in some countries.

