



Low Fouling High Tolerance Reverse Osmosis Membrane

Description

The Puran low fouling high tolerance reverse osmosis membrane elements are produced with high quality sheets. It is used for the desalination of waste water. It has high salt rejection rate, stable performance and high flow rate working at low pressure. It is used to purify waste water for water reuse or qualified municipal discharging in fields of electronics, power, petrochemical, food, beverage and pharmacy.

Technical Parameters

Model	Diameter inch	Membrane Area ft ² (m ²)	Salt Rejection Rate %	Product Flow Rate gpd (m ³ /d)	Feed Spacer Thickness mil
PN-FR-4040	4"	85(7.9)	99.6	1900(7.2)	34
PN-FR-8040	8"	400(37)	99.6	10500(39.7)	34

Type	Configuration	Spiral wound
	Membrane material	Composite Polyamide
Test Condition	Feed water pressure	225psi (1.55MPa)
	Feed water temperature	77°F (25°C)
	Feed water concentration	2,000mg/l NaCl
	Recovery rate	15%
	Feed water pH	6.5-8.5
Application limits	Maximum chlorine concentration	0.1ppm
	Maximum operating temperature	113 °F (45°C)
	Feed water pH range continuous working	2.0 - 10.0
	Maximum feed water turbidity	1.0 NTU
	Maximum feed water SDI (15mins)	5.0
	Maximum pressure drop for each element	13psi(0.09MPa)

Dimensions

