

## PURO-FRLE Membrane Element

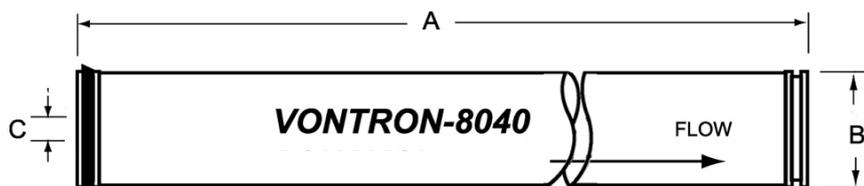
### Brief Introduction

PURO-FRLE, an ultra-low pressure RO Membrane, has the features of fouling resistance and low energy consumption, and is applicable to the treatment of industrial sewage with low salinity, such as electronic sewage and surface water.

PURO Series of fouling resistant membranes normally suitable for treatment of complex water source with TDS less than 10000 ppm. It is mainly used for purification of surface water, mining waste water, municipal reclaimed water, industrial waste water, RO brackish water, etc.

Model	Active Membrane Area ft <sup>2</sup> (m <sup>2</sup> )	Permeate flow GPD(m <sup>3</sup> /d)	Stable Rejection Rate %	Feed Spacer Thickness mil
PURO-FRLE	400 (37.2)	10500 (39.7)	99.6	34-LD
<b>Testing Position</b>	Operating pressure at 150 psi (1.03Mpa)			
	Temperature at 25°C			
	Tested in 2000 mg/L NaCL solution			
	pH 7.0 ± 0.5			
<b>Operating</b>	Recovery rate at 15%			
	Maximum operating pressure		600psi (4.14MPa)	
	Maximum feedwater flow		75gpm (17 m <sup>3</sup> /h)	
	Maximum feedwater temperature		45°C	
<b>Limit &amp; Conditions</b>	Maximum feedwater flow SDI <sub>15</sub>		5	
	Allowed pH range for feedwater in operation		2~11	
<b>Conditions</b>	Allowed pH range for chemical cleaning		1~13	
	Maximum concentration of free chlorine		<0.1ppm	
	Maximum pressure drop per element		15psi (0.1MPa)	

**Size of Membrane Element:** 1.0 inch=25.4 mm



A/mm(inch)	B/mm(inch)	C/mm(inch)
1016 (40)	201 (7.9)	29 (1.125)