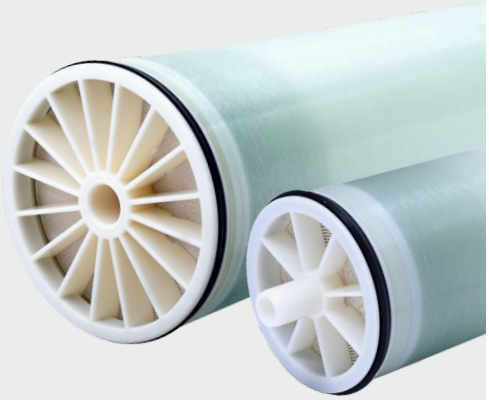
Polymex RO, UF
& NF Membranes



Product Highlights

- Significantly lower membranes system's operating pressure and power consumption.
- Cost-effective.

Key Features

- Low energy consumption
- High salt rejection
- High permeate flow rate
- Improved fouling resistance due to thicker feed spacer

Main Benefits

- A combination of high permeate water quality and energy efficiency

Ideal Applications

- Commercial & industrial water & waste water treatment system requiring energy efficiency & moderate permeate water quality

Notes

- Permeate flow for individual elements may vary ±15 percent from the value specified
- Active membrane area guaranteed ±4%.
- Stabilized salt rejection is generally achieved within 24-48 hours of continuous use; depending upon the feedwater characteristics & Operating conditions.

*At the Inlet of this membrane <5 µm Filter should be Provided to prevent blockage of membrane by large particles in Feed Water.

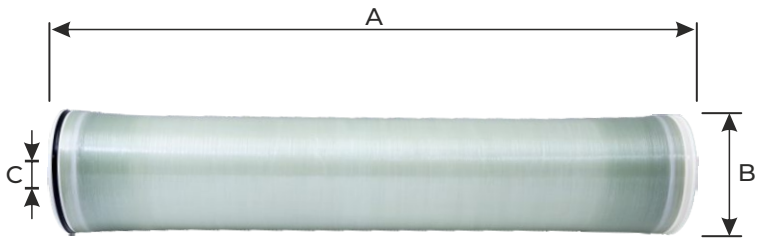
POLYMEX™

Product Data Sheet

Polymex BW XFR 400/34 HF

RO Membrane Module

Polymex BW XFR 400 / 34 series RO membranes are manufactured with an optimized formula, reaction conditions, and post-treatment. The membrane's thin layer is denser, more hydrophilic, and the membrane surface is smoother. The membrane element is optimized in structure and manufactured with premium material. The membrane can effectively purify feed water with biological and organic pollution. POLYMEX XFR series adopts the latest membrane technology enabling the industry's first-class organic fouling resistance and cleanability. It provides membrane elements with excellent fouling resistance and super durability for difficult waste water treatment.



Product Dimensions

Model	Length A inch (mm)	Length B Inch(mm)	Length C Inch(mm)
BW XFR 400 / 34 HF	40.0"(1016)	7.9"(201)	1. 12"(28.5)

Performance Specifications

FLOW GPD(m^3/d)	REJECTION STABLE (%)	REJECTION (%) MINIMUM	Area ft^2 (m^2)	Feed Spacer (mil)
11000 (41.6)	99.80	99.60	400 (37.16)	34

Testing Conditions

Operating Pressure	225psi (15 Kg/cm^2)
Tested at	2000ppm NaCL
Temperature	25°C
pH	8.0 ± 0.5
Recovery rate at	15%

Operating & Cleaning Limits

· Maximum Operating Pressure	600 psi (41 Kg/cm^2)
· Maximum Operating Temperature	45°C (113°F)
· Maximum Element Pressure Drop	15 psi (1 Kg/cm^2)
· pH Range Continuous Operation	2-11
· pH Range Short-Term Cleaning	1-13
· Maximum Feed SDI(SDI15)	5.0
· Free Chlorine Tolerance	< 0.1 ppm

Note : Each membrane element may have ± 15% variation of permeate flow.