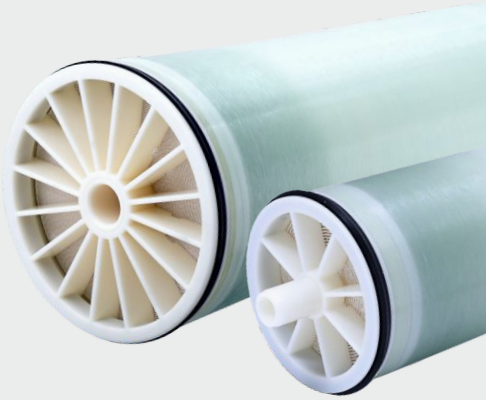
Polymex RO, UF
& NF Membranes



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 drinking water 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.

www.polymexglobal.com

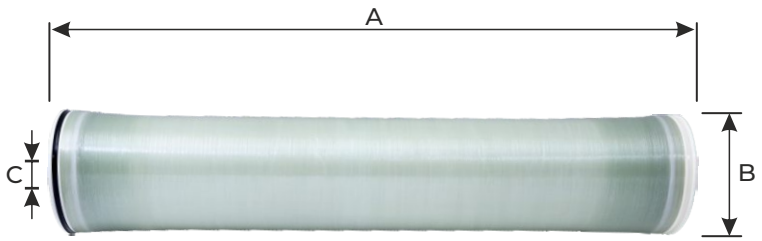
POLYMEX™

Product Data Sheet

Polymex BW 400 / 34 LF

RO Membrane Module

BW 400 / 34 LF RO membrane elements are primarily used for brackish water desalination. They provide excellent, stable and consistent membrane performance for industrial & commercial water treatment systems. The elements operates at moderate pressure providing a more cost effective alternative for industrial-grade water treatment applications. They have high rejection rate for dissolved salts that are difficult to remove, such as TOC, SiO_2, etc., and therefore, applicable to near-zero discharge for oil and petrochemical industry waste water treatment and feed water for thermal power plant boilers.



Product Dimensions

Model	Length A inch (mm)	Length B Inch(mm)	Length C Inch(mm)
BW 400 / 34LF	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)
11500 (43.5)	99.80	99.70	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	300 psi (21 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.