

Product Data Sheet

Brand Name: US Membrane

Membrane sheets: Made in USA

Assembled in California, USA

Standard size Reverse Osmosis membrane filter

Our membranes fit all standard size membrane housings for standard RO systems.

You can increase the capacity of your existing RO system by changing to a higher capacity membrane filter and replacing the flow restrictor to a larger size.

Specifications:

Model number	Permeate Flow rate GPD gallons per day	Max NaCl rejection rate %	Max TDS rejection rate % Tap water	Recommended brine flow restrictor
TFC-24	24	97	96	200, 250 ml/min
TFC-36	36	97	96	300 ml/min
TFC-50	50	97	96	420, 500 ml/min
TFC-75	75	97	96	500, 600 ml/min
TFC-100	100	97	96	600, 800 ml/min
TFC-150	150	96	95	800, 900 ml/min

Note: The stated membrane performance is based on data taken after 40 minutes of operation at the following test conditions:

- Input of 200mg/L NaCl solution at 65 psig at 77 degrees F, 15% recovery.
- Permeate flow rate for each membrane may vary within 20%
- Actual performance of the membrane will vary depending on water supply TDS, input pressure and temperature. On average the production rate after pressure and temperature correction will be about 70% of the stated rate, and the rejection rate may be 2% different.

Membrane Material	TFC Thin Film Composite, Polyamide
Membrane configuration	Spiral-Wound, Tape Wrapping
Operating Pressure range	Maximum 130 psi, minimum 30 psi
Operating Temperature range	120 F (49 C) to 41 F (5 C)
Maximum Turbidity	1.0 NTU
pH range	3- 11
Chlorine Tolerance	< 0.1 mg/L
Dimension standard size	Length 2" diameter x 11.75"

Features:

- Consistent quality and reliability using automated production line.
- Dry type membrane for extended shelf life
- Fits all standard membrane housings