Proshare Innovation Suzhou Co., Ltd. is China's sole national high-tech enterprise dedicated to the R&D and industrialization of third-generation nanocomposite thin-film (TFN) reverse osmosis membranes, nanofiltration membranes, and material separation membranes. By integrating layer-by-layer self-assembly technology and nano-enhanced materials, the company has revolutionized traditional thin-film composite (TFC) membrane technology. It established China's first mass production line for TFN membranes with an annual capacity of millions of square meters, achieving large-scale manufacturing.

Holds over 31 patents, with membrane performance reaching internationally leading standards and replacing monopolized foreign products.Designated as a preferred supplier for listed environmental engineering firms and state-owned enterprises.

OUR PRODUCTS

CORE VALUES

Pro

Share

Innovate

Now is the Time to End PFAS

Pro-PFAS Series Superior PFAS* Removal by TFN RO Membrane

PSI MEMBRANE® Thin-Film nanocomposite (TFN) reverse osmosis membrane technology has proven effective in removing PFAS at various contamination sites , reducing PFAS to non-detectable levels,and is ideal to serve industrial applications for seeking superior rejection at ultra-low operating pressure and led to cost efficiency.

- **Reducing PFAS to non-detectable levels**
- **Produces 30% higher water flux compared to traditional TFC membranes**
- **Ultra-low operating pressure with high salt rejection rate**
- **Stable and chemical-resistant membrane structure ensures long-term reliability**

Product Parameter

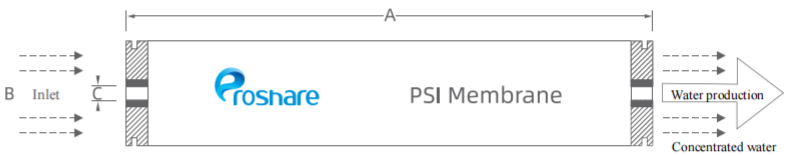
Product	Active Area $ft^2(m^2)$	Feed Spacer Thickness(mil)	Permeate Flow Rate(m^3/d)	Stabilized Salt Rejection(%)	Minimum Salt Rejection (%)
Pro-PFAS-4040/LML	85（7.9）	34	2500（9.5）	99.55	99.4
Pro-PFAS-8040/LML	400（37.2）	34	10500（39.7）	99.55	99.4

1. Permeate flow rate and stabilized salt rejection are base on the following test conditions: Feed water concentration 1500 ppm as NaCl, Feed water pressure 150 psi (1.03 MPa), Feed water temperature 77 ° F (25 ° C), Recovery rate 15% recovery.
2. Variation range of permeate flow rate +/-15%.

Operating Condition

Maximum operating temperature	45℃
Maximum operating pressure	600 psi（41 bar）
Maximum pressure drop	1 bar
Continuous operation pH range	2 - 11
Cleaning pH range	1 - 13
The largest water SDI_{15}	5
Maximum influent turbidity	1 NTU
Maximum residual chlorine concentration of influent	<0.1 ppm

Product Size (mm)



Product	Model	A	B	C
Pro-PFAS	4040	1016	100.3	19.1
	8040	1016	200	28.6

Manufacturer

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