

## 反渗透膜种类清单

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我公司代理美国陶氏反渗透滤膜，美国GE Osmonics 反渗透滤膜，东丽反渗透滤膜和Trisep反渗透滤膜。这些滤膜都是为实验室 研发应用，做了预裁切，符合Sterlitech 公司的膜试验设备尺寸，以及大张滤膜，客户可以自己进行裁切。

### DOW FILMTEC™ 陶氏反渗透膜

Series	SW30HR	SW30XLE	BW30	BW30LE	BW30FR	BW30XFR	XLE
Feed	Seawater	Seawater	Brackish Water	Brackish Water	Brackish Water	Brackish Water	Brackish Water
Type	High Rejection	Extra-Low Energy	Standard	Low Energy	Fouling Resistant	Fouling Resistant, Extra-Low Energy	Extra-Low Energy
pH Range (25°C)	2-11	2-11	2-11	2-11	2-11	2-12	2-11
Flux (gfd)/psi	17-24/800	23-29/800	26/255	37-46/225	26/255	28-33/225	33-41/125
Rejection	99.6%	99.5%	99.5%	99.0%	99.5%	99.7%	98.7%
Pore size/ MWCO	~100 Da	~100 Da	~100 Da	~100 Da	~100 Da	~100 Da	~100 Da
Polymer	Polyamide-TFC	Polyamide-TFC	Polyamide-TFC	Polyamide-TFC	Polyamide-TFC	Polyamide-TFC	Polyamide-TFC

### GE Osmonics™ 反渗透膜

Series	AG	AK	CE	SE	SG
Feed	Brackish Water	Brackish Water	Brackish Water	Industrial/Wastewater	Industrial/Wastewater
Type	Reactive Silica Removal	Low Energy	Chlorine Resistant	Chlorine Resistant, High Pressure	Chlorine Resistant
pH Range (25°C)	1-11	1-11	2-8	1-11	1-11
Flux (gfd)/psi	26/225	26/115	23.5/420	22/425	22/225
Rejection	95.5%	99.0%	97.0%	98.9%	98.2%
Pore size/ MWCO	0	0	0	0	0
Polymer	Polyamide-TFC	Polyamide-TFC	Cellulose Acetate	Polyamide-TFC	Polyamide-TFC

### Toray™ 东丽反渗透膜

Series	73HA	73AC	73UAC	82V

<b>Feed</b>	Brackish Water	Brackish Water	Brackish Water	Seawater
<b>Type</b>	Extra-Low Energy	High Rejection, Low Energy, Cl Resistant	High Rejection, Low Energy	High Rejection, Low Energy
<b>pH Range (25°C)</b>	2-11	2-11	2-11	2-11
<b>Flux (gfd)/psi</b>	23.3/73	30.7/225	29-40/150	27/798
<b>Rejection</b>	99.0%	99.8%	99.5-99.7%	99.7%
<b>Pore size/ MWCO</b>	0	0	0	0
<b>Polymer</b>	Polyamide-TFC	Polyamide-TFC	Polyamide-TFC	Polyamide-TFC

### TriSep™

Series	ACM1	ACM2	ACM3	ACM4	ACM5	SB50	X201
<b>Feed</b>	Brackish Water	Brackish Water	Brackish Water	Brackish Water	Brackish Water	Industrial/Wastewater	Industrial/Wastewater
<b>Type</b>	"Tight"	Standard	Low Pressure	Low Pressure, High Flux	Low Pressure, High Flux	Cl Resistant	Fouling Resistant
<b>pH Range (25°C)</b>	2-11	2-11	2-11	2-11	2-11	4-7	2-11
<b>Flux (gfd)/psi</b>	25/225	30/225	35/225	30/150	30/110	30/420	30/225
<b>Rejection Values</b>	99.5%	99.5%	99.3%	99.2%	98.5%	95.0% (99.0% MgSO <sub>4</sub> )	99.5%
<b>Pore size/ MWCO</b>	0	0	0	0	0	0	0
<b>Polymer</b>	Polyamide-TFC	Polyamide-TFC	Polyamide-TFC	Polyamide-TFC	Polyamide-TFC	Cellulose Acetate	Polyamide-urea-TFC