

## Watts<sup>®</sup> membranes

We offer a complete line of residential and commercial membranes for tap, brackish and sea water applications. Our thin film composite membranes meet or exceed industry standards, with salt rejection rates ranging from 96 to 99.5 percent. Residential membranes are listed below.



### Watts<sup>®</sup> residential membranes (thin film composite)

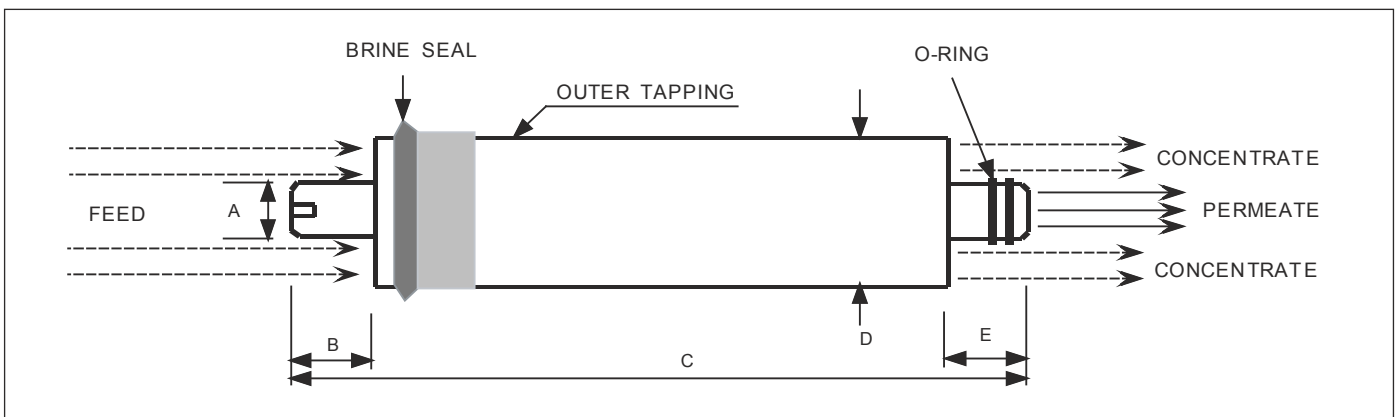
Part Number	Application	O.D.	Length	Capacity (GPD)	No. Per Case
W-1812-24	Tap water	1.8"	11.75"	24	25
W-1812-36	Tap water	1.8"	11.75"	36	25
W-1812-50	Tap water	1.8"	11.75"	50	25
W-1812-75	Tap water	1.8"	11.75"	75	25
W-1812-100	Tap water	1.8"	11.75"	100	25

**Note:** W-1812-100 membranes are packaged in preservative and should be kept in a cool environment if stored for a prolonged period of time.

### Watts membrane specifications

Data	W-1812-24	W-1812-36	W-1812-50	W-1812-75	W-1812-100
Membrane type	TFC	TFC	TFC	TFC	TFC
Material	Polyamide	Polyamide	Polyamide	Polyamide	Polyamide
Charge	Negative	Negative	Negative	Negative	Negative
Configuration	Spiral-wound	Spiral-wound	Spiral-wound	Spiral-wound	Spiral-wound
Salt rejection	96%	96%	96%	96%	96%
Max. operating temp.	113°F / 45°C	113°F / 45°C	113°F / 45°C	113°F / 45°C	113°F / 45°C
Max. operating pressure	125 psi	125 psi	125 psi	125 psi	125 psi
Max. turbidity (NTU)	1	1	1	1	1
Max. SDI	5	5	5	5	5
pH range	3-10	3-10	3-10	3-10	3-10
Flux	24 gpd	36 gpd	50 gpd	75 gpd	100 gpd

**Note:** Specifications based on 77°F (25°) temperature and 60 psid pressure.



Dimensions: A = 0.67"; B = 0.87"; C = 11.8"; D = 1.77" and E = 0.87".

## Watts<sup>®</sup> membranes

We offer a complete line of residential and commercial membranes for tap, brackish and sea water applications. Our thin film composite membranes meet or exceed industry standards, with salt rejection rates ranging from 96 to 99.5 percent. Commercial membranes are listed below.



## Watts<sup>®</sup> commercial membranes

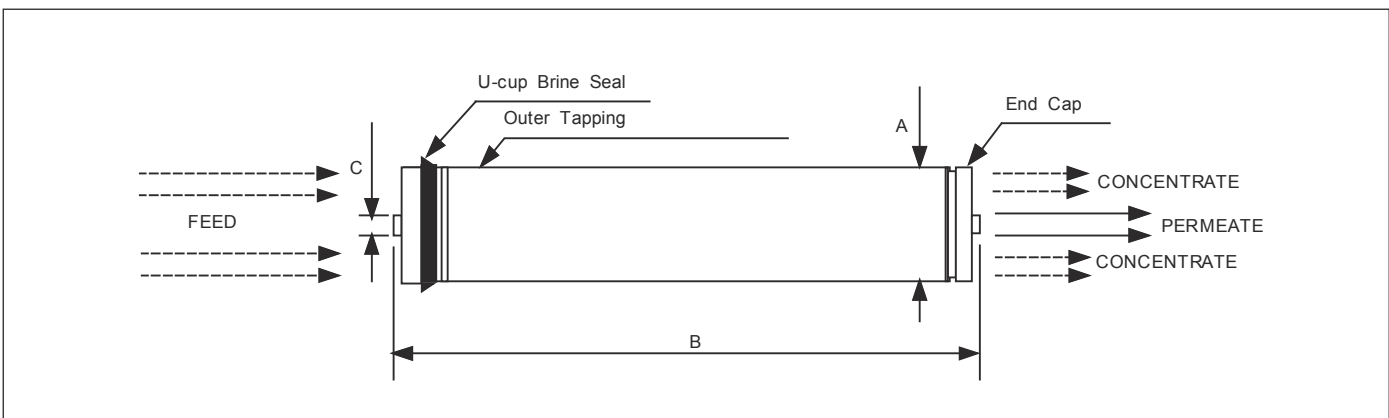
Part Number	Application	O.D.	Length	Capacity (GPD)	No. Per Case
W-2521-TW	Tap water	2-1/2"	21"	300	1
W-2540-TW	Tap water	2-1/2"	40"	800	1
W-4021-TW	Tap water	4"	40"	1,050	1
W-4040-TW	Tap water	4"	40"	2,200	1
W-4040-BW	Brackish water	4"	40"	2,200	1
W-4040-SW	Sea water	4"	40"	2,200	1

**Note:** Watts commercial membranes are packaged in preservatives. Keep in cool environment if stored for prolonged periods of time.

## Watts membrane specifications

Data	W-2521-TW	W-2540-TW	W-4021-TW	W-4040-TW	W-4040-BW
Membrane type	TFC	TFC	TFC	TFC	TFC
Material	Polyamide	Polyamide	Polyamide	Polyamide	Polyamide
Charge	Negative	Negative	Negative	Negative	Negative
Configuration	Spiral-wound	Spiral-wound	Spiral-wound	Spiral-wound	Spiral-wound
Salt rejection	99.5%	99.5%	99.5%	99.5%	99.5%
Max. operating temp.	113°F / 45°C	113°F / 45°C	113°F / 45°C	113°F / 45°C	113°F / 45°C
Max. operating pressure	400 psi	400 psi	400 psi </td <td>400 psi</td> <td>600 psi</td>	400 psi	600 psi
Maximum turbidity (NTU)	<1	<1	<1	<1	<1
Max. SDI	<5	<5	<5	<5	<5
pH range (cleaning)	2-11	2-11	2-11	2-11	2-11
Flux (GPD)	300	800	1,050	2,200	2,200

**Note:** Tap water membrane specifications are based on 225 psi pressure and 77°F temperature.



Dimensions: A = 4.0"; B = 40"; C = 0.75".