



# PWG MEMBRANES

## MADE TO BE DIFFERENT

Based on our extensive knowledge and experience in distribution, we have selected a limited range of pure water membranes. Our objective is to offer you high quality products at a competitive price, while promising excellent availability. If you need any other membranes contact our sales team and we will do our best to fulfil your needs.



## LOW PRESSURE MEMBRANE

Part Code	Reference	Flow*		Nominal Salt Rejection
		gpd	l/h	
1112010001	2521ND	370	58	99.0
1112010002	2540ND	800	126	99.1
1112020001	4021ND	1080	171	99.0

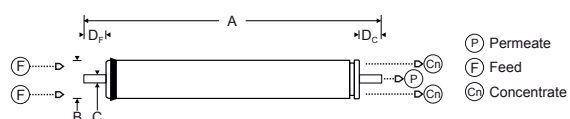
NaCl solution 1500 ppm TdS – Applied pressure 10,3 bar (150 psi) – Temperature 25°C  
Permeate recovery : 10% - pH range : 6.5 – 7.0

Part Code	Reference	Flow*		Nominal Salt Rejection
		gpd	l/h	
1112020009	4040LC	2 300	364	99.0
1112020003	4040ND	2 600	411	99.3
1112020007	4040HR	1 900	300	99.6
1112020004	4040HF	3 300	522	99.3
1112030002	8040ND	12 000	1 900	99.3
1112030003	8040HR	9 000	1 425	99.6

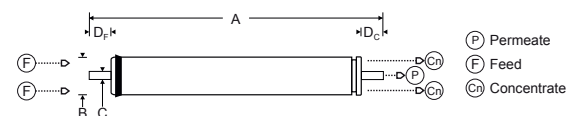
NaCl solution 1500 ppm TdS – Applied pressure 10,3 bar (150 psi) – Temperature 25°C  
Permeate recovery : 15% - pH range : 6.5 – 7.0

\* Permeate flow can vary +/- 20%

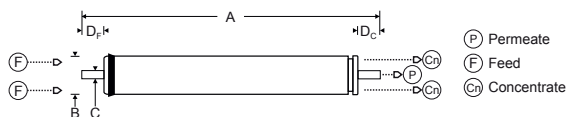
### 2521



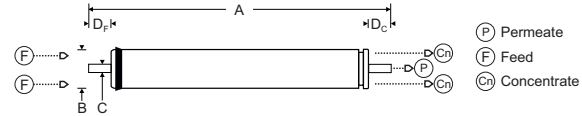
### 2540



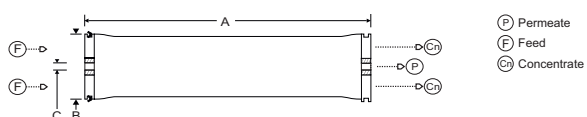
### 4021



### 4040



### 8040



## HIGH REJECTION MEMBRANE

Part Code	Reference	Flow*		Nominal Salt Rejection
		gpd	l/h	
1112010003	2540BW	650	102	99.4
1112020008	4040BW	2 300	364	99.5
1112030001	8040BW	11 000	1 740	99.5

NaCl solution 1500 ppm TdS – Applied pressure 15,5 bar (225 psi) – Temperature 25°C  
Permeate recovery : 15% - pH range : 6.5 – 7.0

## OPERATING LIMITS

Pressure	Fibreglass: 42 bar – 600 psi / Tape wrap: 21 bar – 300 psi
Temperature	45°C
Pressure drop	0.7 bar - 10 psi
Feed flow	6 gpm or 1.3 m <sup>3</sup> /h (2514/2521) - 12 gpm or 2.7 m <sup>3</sup> /h (4014/4021) – 16 gpm or 3.6 m <sup>3</sup> /h (4040) - 75 gpm or 17.1 m <sup>3</sup> /h (8040)
Chlorine concentration	<0.1 ppm
Feedwater SDI	< 5
Feedwater Turbidity	< 1 NTU
Feedwater pH	3-10
Min ratio concentrate	5:1

to permeate flow for any element

A	B	C	D <sub>F</sub>	D <sub>C</sub>	Weight
Total length	ATD Diam.	Conn. Diam.	Core tube Ext. Free Side	Core tube Ext. Conc. Side	
533,40 mm	61,00 mm	19,10 mm	30,50 mm	30,50 mm	0,9 kg

A	B	C	D <sub>F</sub>	D <sub>C</sub>	Weight
Total length	ATD Diam.	Conn. Diam.	Core tube Ext. Free Side	Core tube Ext. Conc. Side	
1016,00 mm	61,00 mm	19,10 mm	30,50 mm	30,50 mm	1,8 kg

A	B	C	D <sub>F</sub>	D <sub>C</sub>	Weight
Total length	ATD Diam.	Conn. Diam.	Core tube Ext. Free Side	Core tube Ext. Conc. Side	
533,40 mm	100,30 mm	19,10 mm	30,50 mm	30,50 mm	1,8 kg

A	B	C	D <sub>F</sub>	D <sub>C</sub>	Weight
Total length	ATD Diam.	Conn. Diam.	Core tube Ext. Free Side	Core tube Ext. Conc. Side	
1016,00 mm	100,30 mm	19,10 mm	26,70 mm	26,70 mm	3,6 kg

A	B	C	Weight
Total length	ATD Diam.	Conn. Diam.	
1016,00 mm	200,00 mm	28,60 mm	16,4 kg

DISTRIBUTOR

