

		PPG Filtration 8040			PPG Filtration 4040			PPG Filtration 4038			PPG Filtration 2540	
Element Properties ¹												
Membrane Area		31.6 m ²	24.9 m ²	17.7 m ²	8.9 m ²	7.1 m ²	4.9 m ²	6.7 m ²	5.3 m ²	3.7 m ²	3.1 m ²	2.4 m ²
		340 ft ²	279 ft ²	191 ft ²	96 ft ²	76 ft ²	53 ft ²	72 ft ²	57 ft ²	40 ft ²	34 ft ²	26 ft ²
Feed Spacer		31 mil	43 mil	65 mil	31 mil	43 mil	65 mil	31 mil	43 mil	65 mil	31 mil	43 mil
Diameter (A)		7.9"	7.9"	7.9"	3.9"	3.9"	3.9"	3.9"	3.9"	3.9"	2.4"	2.4"
Length (B)		40"	40"	40"	40"	40"	40"	38"	38"	38"	40"	40"
Permeate Tube Diameter (C)		1.125" (ID)	1.125" (ID)	1.125" (ID)	0.625" (ID)	0.625" (ID)	0.625" (ID)	0.75" (OD)	0.75" (OD)	0.75" (OD)	0.75" (OD)	0.75" (OD)
Part # Fiberglass Wrap												
UF		ULC8040-DA1P-FEM11FF	ULC8040-DB1P-FEM11FF	ULC8040-DD1P-FEM11FF	ULC4040-DA1P-FEM06FF	ULC4040-DB1P-FEM06FF	ULC4040-DD1P-FEM06FF	ULC4038-DA1P-FEM07CC	ULC4038-DB1P-FEM07CC	ULC4038-DD1P-FEM07CC	ULC2540-DA1P-FEL07CC	ULC2540-DB1P-FEL07CC
UF SHP**		MMS8040-DA1P-FEM11FF	MMS8040-DB1P-FEM11FF	MMS8040-DD1P-FEM11FF	MMS4040-DA1P-FEM06FF	MMS4040-DB1P-FEM06FF	MMS4040-DD1P-FEM06FF	MMS4038-DA1P-FEM07CC	MMS4038-DB1P-FEM07CC	MMS4038-DD1P-FEM07CC	—	—
MF		MNC8040-DA1P-FEM11FF	MNC8040-DB1P-FEM11FF	MNC8040-DD1P-FEM11FF	MNC4040-DA1P-FEM06FF	MNC4040-DB1P-FEM06FF	MNC4040-DD1P-FEM06FF	MNC4038-DA1P-FEM07CC	MNC4038-DB1P-FEM07CC	MNC4038-DD1P-FEM07CC	MNC2540-DA1P-FEL07CC	MNC2540-DB1P-FEL07CC
Part # Netting Wrap												
UF		ULC8040-DA1P-NNM11FF	ULC8040-DB1P-NNM11FF	ULC8040-DD1P-NNM011FF	ULC4040-DA1P-NNM06FF	ULC4040-DB1P-NNM06FF	ULC4040-DD1P-NNM06FF	ULC4038-DA1P-NNM07CC	ULC4038-DB1P-NNM07CC	ULC4038-DD1P-NNM07CC	ULC2540-DA1P-NNL07CC	ULC2540-DB1P-NNL07CC
UF SHP**		MMS8040-DA1P-NNM11FF	MMS8040-DB1P-NNM11FF	MMS8040-DD1P-NNM011FF	MMS4040-DA1P-NNM06FF	MMS4040-DB1P-NNM06FF	MMS4040-DD1P-NNM06FF	MMS4038-DA1P-NNM07CC	MMS4038-DB1P-NNM07CC	MMS4038-DD1P-NNM07CC	—	—
MF		MNC8040-DA1P-NNM11FF	MNC8040-DB1P-NNM11FF	MNC8040-DD1P-NNM11FF	MNC4040-DA1P-NNM06FF	MNC4040-DB1P-NNM06FF	MNC4040-DD1P-NNM06FF	MNC4038-DA1P-NNM07CC	MNC4038-DB1P-NNM07CC	MNC4038-DD1P-NNM07CC	MMC2540-DA1P-NNL07CC	MNC2540-DB1P-NNL07CC
Method of Operation		Cross Flow										
Membrane Properties ³												
Material		Proprietary Composite										
Nominal Pore Size (µm)		0.05, 0.15										
pH Range		1.8 - 10										
Maximum Temperature	Continuous (Netting Wrap)	≤ 43°C (110°F)										
	Continuous (Fiberglass Wrap)	≤ 57°C (135°F)										
	Clean-In-Place [CIP]	≤ 50°C (122°F)										
Typical Flux Rate, Pure Water	LMH	35 -135										
	GFD	20 - 80										
Maximum Feed Pressure	bar	≤ 6.9										
	psi	≤ 100										
Maximum Differential Pressure (per element)	bar	≤ 1.4										
	psi	≤ 20										
Backwash/Permeate Pressure	bar	≤ 3.5										
	psi	≤ 30										
Backwash Flow Rate	m³/h	3.2	2.5	1.8	0.7	0.5	0.4	0.7	0.5	0.4	0.2	0.1
	GPM	14	11	8.0	3.0	2.4	1.7	3.0	2.4	1.7	0.8	0.6
Typical Recovery Rate (per element)		21%	14%	8%	16%	9%	6%	16%	9%	6%	15%	11%

1. Other sizes and custom configurations are available

2. Reported membrane area is nominal average

3. Pilot testing is recommended to define process requirements for your application

4. Flux rates are reduced at low operating temperatures

5. Special high temperature configuration with max T of 68°C (155°F) is available for 8 inch elements

6. Maximum differential pressure is reduced at elevated operating temperatures, i.e. > 43°C (>110°F)

7. Flow rate and recovery rate per element is application specific

The specifications for this product are the dimensions and element properties identified on this Product Data Sheet. The operating parameters on this Product Data Sheet are based upon information believed by PPG to be currently accurate; however, PPG makes no representations or warranties regarding the accuracy of the operating parameters or any other information on this Product Data Sheet. PPG also makes no representations or warranties regarding the performance or results of this product, or regarding freedom from patent infringement in the use of any formulae or process on this Product Data Sheet. Improvements in filtration technology may cause operating parameters to vary from what is on this Product Data Sheet.