

PPG Filtration Technologies

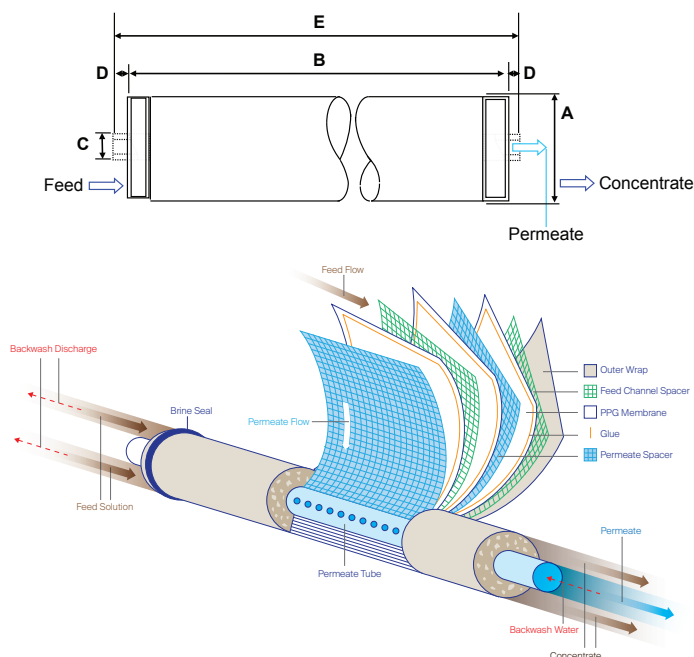
Product Data Sheet PPG 2540

Description

Proprietary Composite Spiral Element
Available in Fiberglass and Netting Wrap configurations
Anti-Telescoping Device (ATD) both ends Brine seal
(one end) - Fiberglass Wrap only

Dimensions

Element Diameter (**A**): 2.4" (61.0 mm)
Element Length (**B**): 38.0" (965.2 mm)
Permeate Tube OD (**C**): 0.75" (19.1 mm)
Permeate Tube Extension (**D**): 1.0" (25.4 mm)
Element Overall Length (**E**): 40.0" (1016 mm)
Weight: ~4 lbs (1.8 kg)



Element Properties

Membrane Material	Proprietary Composite	
Nominal Pore Size (µm)	0.05, 0.15	
Membrane Area	3.1 m ²	2.4 m ²
	34 ft ²	26 ft ²
Feed Spacer	31 mil	43 mil
Part # Fiberglass Wrap		
UF	ULC2540-DA1P-FEL07CC	ULC2540-DB1P-FEL07CC
MF	MNC2540-DA1P-FEL07CC	MNC2540-DB1P-FEL07CC
Part # Netting Wrap		
UF	ULC2540-DA1P-NNL07CC	ULC2540-DB1P-NNL07CC
MF	MNC2540-DA1P-NNL07CC	MNC2540-DB1P-NNL07CC
Method of Operation	Cross Flow	

Operating Parameters

Feed Spacer Configuration		31 mil	43 mil
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	m ³ /h	0.2	0.1
	GPM	0.8	0.6
Typical Recovery Rate (per element)		15%	11%

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.

