NanoPro™ B-4027

Base Stable Membrane Data Sheet

Product description

Membrane Chemistry:	Polyethersulfone
Membrane Type:	Base Stable Nanofiltration Membrane
	8040 Spiral Wound Element
Construction*:	Feed Spacer (diamond): 31 mil, 46 mil
	Permeate Tube: Polysulfone

*For special requests, please contact AMS

Specifications

Model	Rejection % Na_2SO_4	Pure Water Flux LMH (GFD)	Membrane Area m^2 (ft^2)	Feed Spacer mil
B-4027-8040-31P	80-95	>40 (23.5)	32 (344)	31
B-4027-8040-46P			25 (269)	46

Test Conditions: 40 bar (580 psi); 20°C (68°F); Stirred cell (700 rpm).

1 Yehonatan Netanyahu St.
Or-Yehuda 60376, Israel
Tel +972 77 340 0671
Fax +972 77 340 0633
www.amsmembrane.com

Operating Information (*)

Maximum Operating Pressure:	40 bar (580 psi)
Maximum Operating Temperature:	80°C (176°F)
Maximum Cleaning Temperature:	80°C (176°F)
Allowable pH – Continuous Operation:	3-14
Allowable pH – Clean in Place (CIP):	2-14
Maximum Pressure Drop per Element:	0.5 bar (7.2 psi)
Recirculation Flow Rate	25-40 m^3/h

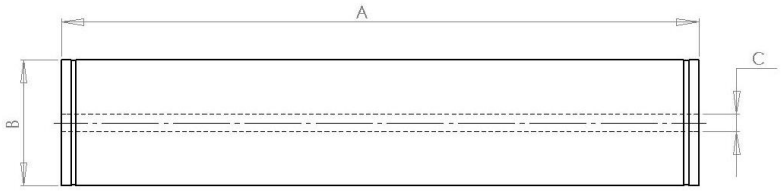
(*) Consult AMS Technologies for specific information

Recommended cleaning materials

- Use deionised water to wash the element. Use alkaline cleaner to clean organic contamination; use acidic cleaner to clean inorganic contamination.

Nominal Product Dimensions

For 8040:



Size	A	B	C
	mm (inches)	mm (inches)	mm (inches)
8040	1016 (40)	200.5 (7.9)	30.15 (1.19) - ID

1 Yehonatan Netanyahu St.
Or-Yehuda 60376, Israel
Tel +972 77 340 0671
Fax +972 77 340 0633
www.amsmembrane.com

Lubricants:

For element installation, use glycerin to lubricate seals. The use of petroleum or vegetable-based oils or solvents may damage the element and void any warranty.

Other

- Do not expose the membrane to chlorine or other oxidants.
- Sodium metabisulfite (without catalysts such as cobalt) is the preferred chemical to eliminate free chlorine or other oxidizers in the feed.

1 Yehonatan Netanyahu St.
Or-Yehuda 60376, Israel
Tel +972 77 340 0671
Fax +972 77 340 0633
www.amsmembrane.com