

HYDRAPolish 8

High Rejection RO composite sanitary membrane designed specifically for dairy process applications requiring continuous operation at high pressure, high temperature, or periodic heat sanitization at high temperature including; whey concentration, whey UF permeate concentration, skim milk concentration, and RO permeate polishing.

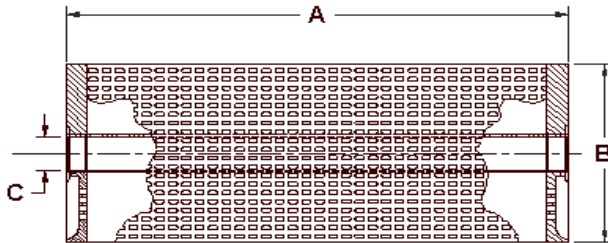
HYDRAPolish 8 is USDA accepted. Components conform to FDA regulation CFR Title 21 Part 177, USDA 3-A sanitary standard 45-03, Kosher certified. Halal certified.

General Product Description

Configuration: Sanitary (Full-Fit) Spiral Wound
 Membrane Polymer: Composite Polyamide

Packaging: Elements are enclosed in a sealed polyethylene bag containing less than 1.0% sodium meta-bisulfite solution, and then packaged in a cardboard box. HYDRAPolish 8 includes interconnector assembly, anti-telescoping devices (ATDs), and brine seals. For Halal applications do not use the brine seal.

Model	Feed Spacer, inches (cm)	Area, ft ² (m ²)	Dimensions, inches. (cm)			Max. Feed Flow, GPM (m ³ /hr)	Max. Pressure Drop per Element, psi (MPa)
			A	B	C		
HYDRAPolish 8	0.030 (0.076)	360 (33)	40.0 (101.6)	7.90 (20.1)	1.125 (2.86)	80 (18.2)	13 (0.09)



8040 Style with ATDs

Product Use and Restrictions[^]

Maximum Applied Pressure at 77°F (25°C):	1200 psig (8.3 MPa)
Maximum Applied Pressure at Maximum Temperature:	450 psig (3.1 MPa)
Maximum Operating Temperature:	158°F (70°C)
Sanitizing Temperature/Pressure Maximum:	185°F/25 psig (85°C/0.17 MPa)
Maximum Chlorine Concentration:	< 0.1 PPM
Operating pH Range:	2.0 – 11.0 [^]
Cleaning pH Range (ambient temperature):	1.5 – 11.5
Cleaning pH Range (max temp 122°F/50°C):	1.8 – 11.0
Maximum Pressure Drop for a vessel	60 psi (0.41 MPa)

[^] The limitations shown here are for general use. For specified projects, operation at more conservative values may ensure the best performance and longest life of the membrane. See Hydranautics Technical Bulletins for more details.

Disclaimer: The information and data are presented in good faith and in lieu of all warranties. All express or implied warranties, including the warranties of merchantability and fitness for a particular purpose, are hereby disclaimed and excluded. Conditions and methods of use of our products are beyond our control. Hydranautics assumes no liability for results obtained or damages incurred through the application of the presented information and data. It is the user's responsibility to determine the appropriateness of Hydranautics' products for the user's specific end uses.

4/4/20

Hydranautics Corporate office

401 Jones Road, Oceanside, CA 92058, USA Toll Free: +1-800-CPA-PURE Tel: +1-760-901-2500 Fax: +1-760-901-2578
 Web: www.membranes.com Email: hy-info@nitto.com