

# QUALSEP HYDRACoRe70pHT

High flux, 720 Dalton MWCO thin-film, chlorine resistant Nanofiltration membranes designed specifically for color removal; and acid, caustic, and other chemical reclamation by rejecting color, proteins, fats, oils, and other macromolecular species.

## Products & Guidelines:

Model	Feed Spacer, inches (cm)	Area, ft <sup>2</sup> (m <sup>2</sup> )	Dimensions, inches. (cm)			Feed Flow, GPM (m <sup>3</sup> /hr)	Max. Pressure Drop per Element, psi (bar)
			A	B	C		
HYDRACoRe 70pHT-4	0.046 (0.12)	70 (6.4)	40.0 (102)	3.98 (10.1)	0.75 (1.9)OD	30 (6.8)	15 (1.0)
HYDRACoRe 70pHT	0.046 (0.12)	275 (25)	40.0 (102)	7.90 (20.1)	1.125 (2.9)ID	80 (18.2)	15 (1.0)

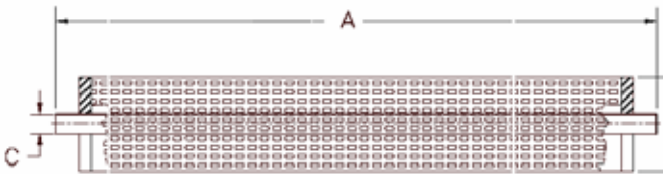
## Type

Configuration:  
Membrane Polymer:

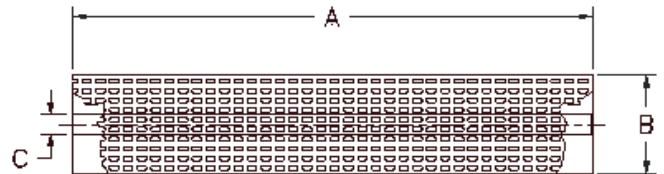
Sanitary Spiral Wound  
Sulfonated Polyethersulfone

## Application Data

Maximum Applied Pressure: 600 psig ( bar)  
Maximum Chlorine Concentration: 200 PPM  
Maximum Operating Temperature: 158°F (70 °C)  
Operating pH Range: 1 - 13.5  
Cleaning pH Range: 1 - 13.5  
Maximum Pressure Drop for a vessel: 60 psi (4 bar)



4040



8040 (w/atds)

**Notice:** Elements are vacuum sealed in a polyethylene bag containing less than 1.0% sodium meta-bisulfite solution, and then packaged in a cardboard box. Hydranautics believes the information and data contained herein to be accurate and useful. The information and data are offered in good faith, but without guarantee, as 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.

08/29/05