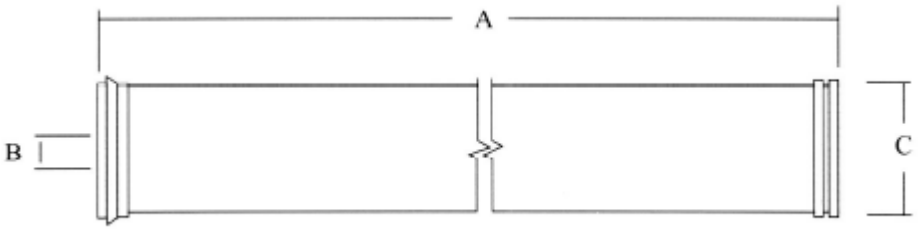
AMFOR INC.

AMFOR® NF membrane element are designed for process applications where a separation of solutes is desired. NF membrane is a durable membrane designed to reject organics with a molecular weight above 200 while passing monovalent salts, we also can produce sanitary NF Element.

Product Specifications

Product Name	Active Surface Areaft2 (m2)	Applied Pressure psig(bar)	Flow Rate gpd(m3/d)	Stabilized Salt Rejection (%)
NF-8040 $CaCl_2$	400(37)	70psi(0.48Mpa)	14700(55.6)	40□60
$MgSO_4$			12500(47.3)	>97
NF-8040FF$CaCl_2$	400(37)	70psi(0.48Mpa)	14700(55.6)	40~60
$MgSO_4$			12500(47.3)	>97

1. Permeate flow and salt rejection based on the following test conditions: 500 ppm $CaCl_2$, 70psi (0.48MPa) 25□, 15% Recovery;2000ppm $MgSO_4$,70psi(0.48MPa) 25□
2. Permeate flows for individual elements may vary +/-25%.



Product Type	Dimension--inches (mm)		
	A	B	C
NF-8040	40.0(1016)	1.125(29)	7.9(201)
NF-8040FF	40.0(1016)	1.125(29)	0.75(20)

1 inch=25.4mm

Operation Limits

Membrane Type ....Polyamide Thin-Film Composite
Maximum Operating Pressure 600psi (41.0bar)
Maximum Pressure Drop 15psi (1.0bar)
Maximum Operating Temperature ..... 113(45C)
pH Range, Continuous Operation 3-10
pH Range, Short-Term Cleaning (Max.@50□) 1-11
Maximum Feed Flux ..... 70gpm(16m3/hr)
Maximum Feed Silt Density Index 5
Free Chlorine Tolerance ..... ….0.1ppm