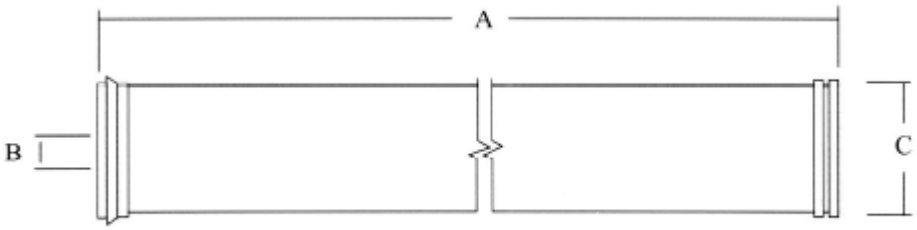
# AMFOR INC.

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 (45□)
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