

## ULTRAFILTRATION ELEMENT SUF-8040-0.3

### PERFORMANCE

|   |                |
|---|----------------|
| 1. Nominal molecular weight cutoff , ( MWCO ) | 300,000        |
| 2. Nominal pore size , Micron ( A )           | 0.3µm ( 3000 ) |
| 3. Operating PH range                         | 1-13           |
| 4. Chlorine tolerance, ppm                    | 50             |
| 5. Nominal permeate flow rate, gal / day      | 20000~30000GD  |

\* MWCO test condition : Feed solute : 0.5 % PEG solution.  
Pressure : 30 psi Temperature : 25 °C

### SPECIFICATION

|                                  |                         |
|----------------------------------|-------------------------|
| Membrane material -----PVDF      | Glue ----- Polyurethane |
| Backing material ----- Polyester | O - ring -----EPDM      |
| Permeate carrier ----- Tricot    | External warap -----FRP |
| Collective tube ----- ABS        |                         |

### TYPICAL APPLICATIONS

1. Pretreatment to reverse osmosis.
2. Pretreatment to ion exchange : To reduce resin fouling , reduce regeneration costs and to increase resin life.
3. Remove of colloids, color, organics and suspended solids :  
SDI reduction, Humic color removal, Colloidal silica, Aluminum, Chelated and particulate iron removal.
4. Reduction or elimination of submicron cartridge filtration.