

## ULTRAFILTRATION ELEMENT SUF-4040-0.1

### PERFORMANCE

---

1. Nominal molecular weight cutoff , ( MWCO )	100,000
2. Nominal pore size , Micron ( A )	0.1µm ( 1000 )
3. Operating PH range	1-13
4. Chlorine tolerance, ppm	50
5. Nominal permeate flow rate, gal / day	11,500 ± 10 %

\* 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 -----Epoxy FRP , PVC TAPE
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.