

SUF-4040-0.1 ULTRAFILTRATION ELEMENT

PERFORMANCE

1. Nominal molecular weight cutoff , (MWCO)	100,000
2. Nominal pore size , Micron (A)	0.1
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

. ELEMENT 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.