

## UF -8040-LF ULTRAFILTRATION

### ELEMENT . PERFORMANCE

1. Nominal molecular weight cutoff , ( MWCO )	10,000
2. Nominal pore size , Micron ( A )	0.1um ( 1000 )
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

### . ELEMENT 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.