

UF -8040 ULTRAFILTRATION ELEMENT

. PERFORMANCE

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| 1. Nominal molecular weight cutoff , (MWCO) | 50,000 |
| 2. Nominal pore size , Micron (A) | 0.05 (500) |
| 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

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|----------------------------------|-------------------------|
| 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.