

## ULTRA FILTRATION SYSTEM

UF membranes reject or separate high molecular weight solutes as well as suspended solids, colloids, and macromolecules. They readily pass water and low MW dissolved solids such as salts and sugars



### Key Features:

- Membranes specially formulated of modified PES or PVDF, a hydrophilic, chemical stable polymer
- More resistant to chlorine, chloramines, and sodium hypochlorite
- Membranes operate in an “outside-in” mode of filtration
- Low fouling property
- Integrated CEB system
- Integrated CIP system
- PLC Automatic system
- Air scoring – For effective backwash (Optional)

### Application:

- Effluent recycling
- Recovery of valuable particles from industrial waste
- Sea water desalination pre treatment
- Post/Pre Ion Exchange column for colloidal silica removal



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