STERAPORE™ 5600-5700 SERIES PVDF HOLLOW FIBER UF MEMBRANES

PVDF Membranes Solid/liquid phase separation on the surface of the membrane Filtered Feed water water Cellular woven tube for support layer 0.05µm Membrane outer Hollow fiber surface micrograph membrane





Easy Storage

Stored up to 36 months under dry condition

No Need Backwash

Only filtration and relaxation

No Need Drain **Membrane Tank**

Only CIP without drain membrane tank

Available Integrated **MBR System**

Simple system and reduce aeration demand and RAS pump

STERAPORE™ is installed over 3,600 MBR plants in the world.

Sewage Treatment Plant in Korea

Location : Korea

Capacity: 70,000m³/d

Application : Domestic Sewage

Operation started: 2008

Furnished by : Hyundai Engineering Co., Ltd.

MBR Process (2008~) 70,000m³/day *CAS Process (1994~) 80,000m3/day 70,000m³/day

Advantages of STERAPORE™ over Flat Sheet Membrane

- **CAPEX Saving** 85% less membrane tank size
- OPEX Saving 80% less membrane scouring air
- Easy Maintenance 98% less number of membrane element pieces



STERAPORE: 2,400m2/module × 1 module = 2,400m2 @ Flux 26 LMH : 320m²/module × 8 module = 2,560m² @ Flux 24 LMH

Flat Sheet

