

PVC Membrane Module

For special application, JIUWU company designs the module with different material, such as PVC and FRPP. JIUWU is one of the most professional pvc membrane manufacturers.



The module is a complete unit composed of the ceramic membranes, housing, feed inlet, concentrate outlet, and permeate outlet. The ceramic membranes are arranged in parallel and vessel with housings.

These kinds of ceramic membrane modules could be used for chemical, chlor-alkali, dyes, water supply and drainage, food, medicine, sewage treatment, electrolysis, and other industries.

OVER VIEW OF PVC MODULE

The housings are produced as required by the application. The sealing material holds elements in the weakest place in housings. A wide array of materials (EPDM, Fluoro rubber, silicon) is available by customer's needs.

FRPP pipe (glass fiber reinforced polypropylene pipe) is produced by glass fiber modified polypropylene material treated with coupling agent, corrosion resistant, high temperature resistant, high pressure resistant, hygienic and non-toxic, recyclable, suitable for industrial corrosive liquid transportation. (such as acid and alkali) and municipal water supply and drainage systems.

PVC is an abbreviation for (polyvinyl chloride), a main component of polyvinyl chloride, a material added with other ingredients to enhance its heat resistance, toughness and ductility.

CHARACTERISTICS OF PVC MODULE

- Number of loading membrane elements: 1, 3, 7, 12, 19, 37, 61pcs
- Matching membrane element length Diameter: 500, 1000, 1200mm / diameter: 25, 30, 40 mm
- Main body material: PVC, FRPP
- Sealing material: EPDM, Fluoro Rubber, Silicon, PTFE,
- Interface: Flange, Clamp, Whorl coupling
- Pressure level: 0-1.0Mpa, 0-1.6Mpa, 0-2.5Mpa, 0-4.0Mpa
- Standard: ISO, DIN / chemical grade, sanitary grade

ADVANTAGE OF PVC MODULE

- Corrosion resistant, high temperature resistant, high-pressure resistant
- Hygienic and non-toxic
- Recyclable
- Suitable for corrosive liquid (eg acid-base) systems
- Excellent impact resistance and tensile strength
- Light weight
- Low cost
- Easy to install and maintain