

FFM-TUF-06

Applicable to small-scale experimental equipment, small-scale test evaluation, medium-sized test equipment, and specific fields

| | | |
|-------------|----------------------------|---|
| PRODUCT | Membrane material: | PVDF/PES |
| DESCRIPTION | Diameter of membrane tube: | 5mm, 8mm, 12mm etc |
| | Aperture size: | MF、UF、NF |
| | Shell material: | PVC |
| | Connection mode: | G3/4 External thread, Stainless steel clamp |

PRODUCT SPECIFICATIONS

| Diameter (mm) | Core number | Nominal (inch) diameter | Component (m) length | Effective (m ²) membrane area | Shell material |
|---------------|-------------|-------------------------|----------------------|---|----------------|
| 8 | 3 | 1 | 0.75 | 0.056 | PVC |

Not all combinations are covered. Our company can customize special specifications of membrane components for users

Membrane performance index

| Index | Membrane series | Membrane materials | Retained molecular weight | pure water flux | Desalination rate | | Operating pressure | Maximum operating temperature | PHRange | Chlorine tolerance | | |
|-----------|-----------------|---------------------|---------------------------|---------------------|-------------------|--|--------------------|-------------------------------|----------|--------------------|------|---|
| Company | | | Dalton | L/m ² .h | % | | Kpa | °C | | ppm.h | | |
| parameter | MF | PDF | 0.1 | 1200 | / | | 50-600 | 75 | 2-11 | 250,000 | | |
| | | | 0.2 | 1500 | | | | | | | | |
| | | | 0.45 | 2000 | | | | | | | | |
| | UF | PVDF | PES | 100,000 | | | 1000 | | | | | |
| | | | | 50,000 | | | 400 | | | | | |
| | | | | 30,000 | | | 210 | | | | | |
| | | | | 10,000 | | | 80 | | | | | |
| | NF | PA/PVDF Reunitewith | / | 80 | | | 80 | 10 | 300-1000 | 75 | 3-10 | / |
| | | | | 75 | | | 95 | 20 | | | | |
| | | | | 65 | | | 98 | 30 | | | | |

Important Information

In order to maximize the performance of membrane components, please note the following.

1. Before the installation of membrane components, the system and pipelines shall be completely cleaned to ensure that there is no mechanical impurity causing damage to the membrane.
2. Before the operation of the system, ensure that the pre-treatment is completed.
3. During the start-up, shutdown, cleaning and other processes of the system, the water inflow shall be slow, from low pressure to high pressure, from low flow to large flow, so as to avoid impact damage to membrane components due to the instantaneous rise of pressure and flow.
4. Overpressure operation is prohibited, which may cause rupture of membrane tube.
5. Avoid back pressure on the water producing side at any time.
6. In cold areas, be careful not to freeze the water in the module.