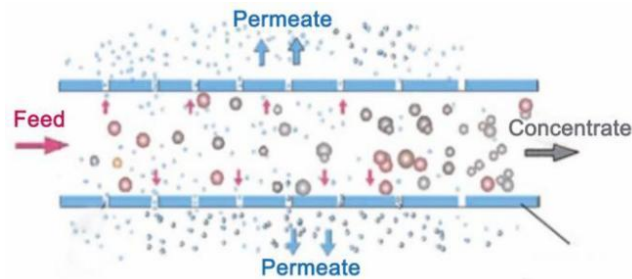


## HIGH FLOW TUBULAR UF MEMBRANE MODULES

Puran TUF-333-PVC high flow tubular UF membrane module is specially designed for waste water treatment. It minimizes the land foot and construction cost. It can replace high density sediment tank, sand filter and hollow fiber UF membranes, etc. As the pretreatment, its permeate quality is very stable with turbidity less than 0.5NTU and SDI less than 4.

### Features

- High flux.
- Good performance and anti-fouling.
- For large-scale water purification system.
- Work with high TSS and oily wastewater.
- Very stable permeate quality.



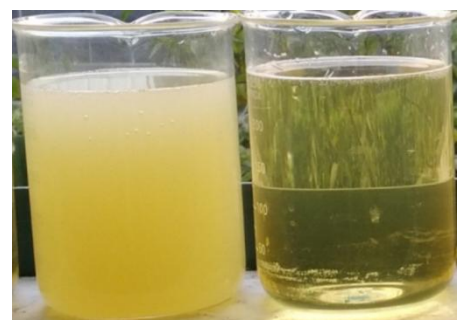
### Technical Parameters

Model No.	TUF-333-PVC
Installation Type	Horizontal
Flow Type	Inside-out
Membrane Material	PVDF
MWCO	100K dalton
Nominal Pore Size	30nm
Membrane Surface Area	33m <sup>2</sup>
Membrane Fiber Diameter	6mm
Module Length	3000mm
Module Diameter	213mm
Feed Water Inlet	220mm
Permeate Water Outlet	73mm
Module Body Material	CPVC/FRP/Stainless steel
Operation Pressure	0.6Mpa
Max. Operation Temperature	65°C
pH Range	2-11
Chlorine Resistance	250,000 ppm.hrs
Backwash	150h (300h when working with a pre-cleaner)
Membrane module	dry
Life	2years min.
Permeate Water Quality	<ul style="list-style-type: none"> <li>• Colloidal index (SDI) - 3 max.</li> <li>• Turbidity, NTU - 0.5 max.</li> <li>• The concentration of suspended solids, mg/dm<sup>3</sup> - 0.5max.</li> <li>• Concentration of oil products, mg/dm<sup>3</sup> - 5max.</li> <li>• Trivalent iron, mg/dm<sup>3</sup> - 0.05max.</li> </ul>

### Application

1. Landfill leachate treatment
2. Extraction and separation of fermentation broth
3. Oilfied wastewater treatment
4. Softening
5. Coking wastewater treatment
6. Pharmaceutical, printing and dyeing wastewater treatment
7. Recycling of electronic and chemical wastewater
8. Clarification of fruit juice, vinegar, soy sauce and tea beverage.

Oilfied  
wastewater  
treatment



## HIGH FLOW TUBULAR UF MEMBRANE MODULES

### Reference

#### Location

Daqing Oilfield

#### System capacity

1200m<sup>3</sup>/d

#### Membrane module

HUF-673-UPVC

#### Membrane module QTY.

18PCS

#### Inlet water quality

TSS: 100max.

Oil: 1000mg/Lmax.

Sulfate-Reducing Bacteria: 10000max.

Saprophyte: 100,000max.

Iron bacteria: 100,000max.

#### Outlet water quality

TSS: 5max.

Oil: 8mg/L max.

Sulfate-Reducing Bacteria: 10max.

Saprophyte: 10<sup>2</sup>max.

Iron bacteria: 10<sup>2</sup>max.

