

FRP PRESSURE TUBES

Tata Steel's Pressure Tubes are designed for use as housings for membrane elements. These are the perfect solutions for wide range of applications including:

- ◆ Desalination
- ◆ Municipal Water Treatment
- ◆ Food and Beverage
- ◆ Oil and Gas
- ◆ Power Generation
- ◆ Ultra pure Water production



Features



**Availability
of small batch
quantities**



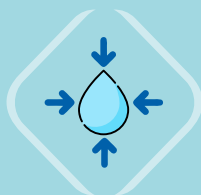
**Quality
Consistency**



**Just in Time
(JIT) Delivery**



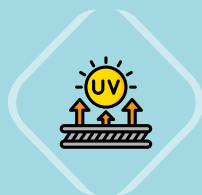
**Corrosion
Resistant**



Compact Design



**Quick lock head
retention system**



UV Resistance



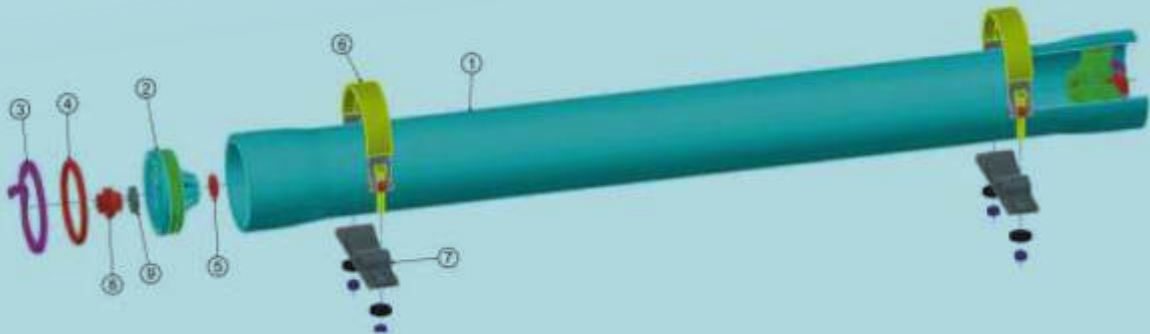
**Mirror finish
ID for quick
loading and
unloading**

Product Range

FRP Membrane Pressure Tubes (Economy model)

End port 4"

PT-line is a membrane housing 4" diameter with end entry design. This is used for commercial and industrial reverse osmosis applications. Tube models are available up to a maximum operating pressure of 300 PSI, 450PSI, 600 PSI, 1000 PSI & 1200 PSI. These are made up of epoxy / glass composites to meet the demands of long term and continuous use in reverse osmosis processes. These tubes can accommodate any standard* 4" membrane element.



SR.NO	PART NAME	QTY.
1	MEMBRANE HOUSING	1
2	END CAP	2
3	RETAINING RING	2
4	END CAP O RING	2
5	ADAPTER - MEMBRANE O RING	2

SR.NO	PART NAME	QTY.
6	STRAP ASSEMBLY	2
7	SADDLE	2
8	RED CAP	1
9	SQUARE SEAL	1

Technical Specifications

MEMBRANE HOUSING MODEL NO.	MAX OPERATING PRESSURE	MAX OPERATING TEMPERATURE	QUALITY CONTROL TEST PRESSURE	ELEMENT LENGTH
PT-40E-300	300 PSI (20Bar)	49°C(120°F)	450PSI (31Bar)	1 - 7
PT-40E-450	450 PSI (31Bar)	49°C(120°F)	675PSI (47Bar)	1 - 7

