Pressure tube, FRP

Corrosion-proof FRP housings that hold reverse osmosis membranes under pressure.



Overview

FRP pressure tubes (also called membrane housings) hold spiral-wound RO membranes and carry feed, permeate and concentrate connections. The tube is filament-wound glass fibre with an epoxy liner, so it does not rust and stands up to saline and chemically treated water.

Key features

- Filament-wound glass fibre with epoxy resin: no rust, no painting
- Fits 4-inch and 8-inch membrane elements
- Side-port or end-port connections
- Models from one to six elements in series
- Light enough to install and service without lifting gear

Typical applications

- Brackish water RO plants
- Drinking and mineral water RO
- Process water RO in industry
- Boiler feed pre-demineralisation

Typical specifications

Membrane size	4040 and 8040 (4 in and 8 in)
Elements per tube	1 to 6
Pressure class	300 psi (20 bar) for brackish water; higher classes on request
Construction	Glass-fibre epoxy with food-grade liner
Ports	Side port or end port, with end caps and seals
Typical life	Many years with correct operation

Values are typical, for reference. The final specification is confirmed in our quotation, against your flow, pressure and water analysis.

NEPAL ION EXCHANGE

Request a quote

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