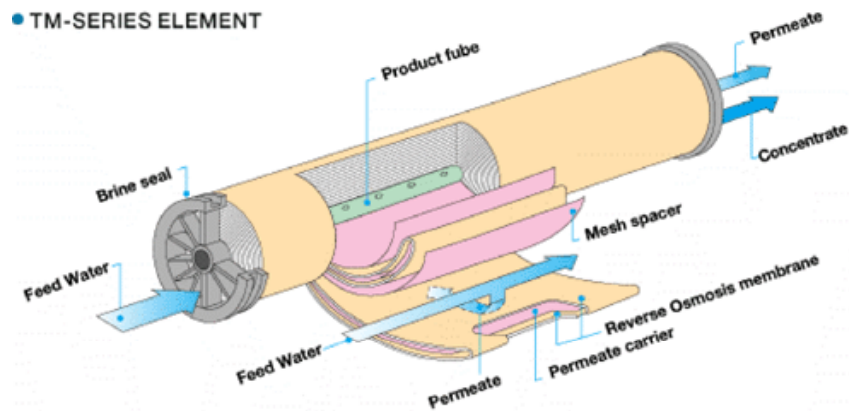


## CON-SERV MFG Reverse Osmosis Membranes Spiral Wound

### Reverse Osmosis Spiral Wound Membranes

To maximize surface area and minimize space, filter membranes are usually wound in a spiral element. Water flows through the channels between the spiral windings of the element. Permeate is collected in a tube in the center of the element.



Several spiral elements are connected together within a pressure vessel, and several vessels are connected together within the filter system. The vessels allow permeate to collect in a tube in the center of each spiral wound element before flowing out to a holding tank or drain depending on the application. The reject then passes through another vessel and then another, until as much pure water as possible is removed. The reject is then disposed of.

● STRUCTURE OF TM-SERIES AND SU-SERIES MODULE

