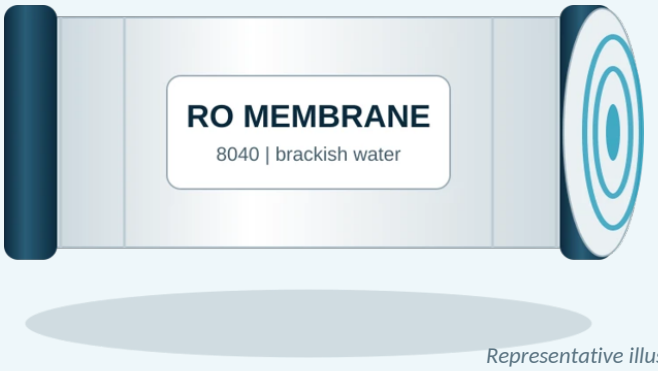
RO membrane

Spiral-wound reverse osmosis membrane elements in 4040 and 8040 sizes.



Representative illustration. Actual product may differ.

Overview

RO membranes let water through and hold back most dissolved salts, bacteria and organics. We supply brackish-water thin-film composite elements for new RO plants and for membrane replacement in plants that have lost rejection or flow.

Key features

- Thin-film composite polyamide
- High salt rejection for brackish water
- 4040 and 8040 elements
- Membrane replacement and sizing support
- Fits standard FRP pressure tubes

Typical applications

- Brackish water desalination
- Drinking and mineral water
- Boiler feed pre-treatment
- Process water for industry

Typical specifications

Sizes	4040 (4 in x 40 in) and 8040 (8 in x 40 in)
Type	Brackish water, thin-film composite
Typical salt rejection	99 percent or higher at test conditions
Feed pH range	About 2 to 11 in operation
Max feed temperature	About 45 °C
Chlorine tolerance	Very low: remove chlorine before the membrane

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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