

desalt[®]

DESALT
TECH
GROUP

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MEMBRANE
INDUSTRY

CLEAN WATER FOR ALL

WHO WE ARE

Desalt technology is a knowledge-based group founded by a group of innovative and experienced professionals in water purification, filtration, and separation technologies. We specialize in developing reverse osmosis and nanofiltration membranes for a wide range of industrial applications.

As a licensed research center in different countries, Desalt manufactures its products with full supervision and compliance with international standards.

Desalt offers unique polymer RO membranes, each with its own performance specifications and configurations to best serve a specific application. Our experts with long experience help our customers to choose the most effective membrane products.

We are the provider of the registered Desalt brand worldwide.



What makes us different?

The growing need for clean water due to climate change and population growth increases the importance of the reverse osmosis membrane filter industry every day. We are specialists in the production of membrane filters for seawater and high-concentration brackish water.

We offer our specialized products according to the customer's needs and the type of industry.

What sets us apart from others is our focus on applying the highest standards in designing and manufacturing reverse osmosis filters. In our laboratories, we have a special bias in improving the performance of our products periodically. Using the latest technologies and know-how has brought quality products to our customers worldwide.

OUR PRODUCTS

dBW Series-Brackish Water RO Membranes

- pH Range Continuous Operation 2-11
- pH Range Short-Term Cleaning 1-13
- Maximum Operating Temperature 45°C (113°F)
- Maximum Feed SDI(SDI15) 5.0
- Maximum Operating Pressure 41 bar (600 psi)
- Maximum Element Pressure Drop 1.0 bar (15psi)
- Free Chlorine Tolerance < 0.1 ppm



Reverse osmosis membrane filters (dBW)are mainly used for brackish water desalination. They provide excellent, sustainable, and environmentally friendly membrane performance for industrial water treatment systems. This product works under low pressure and is a more affordable alternative for industrial water purification applications.

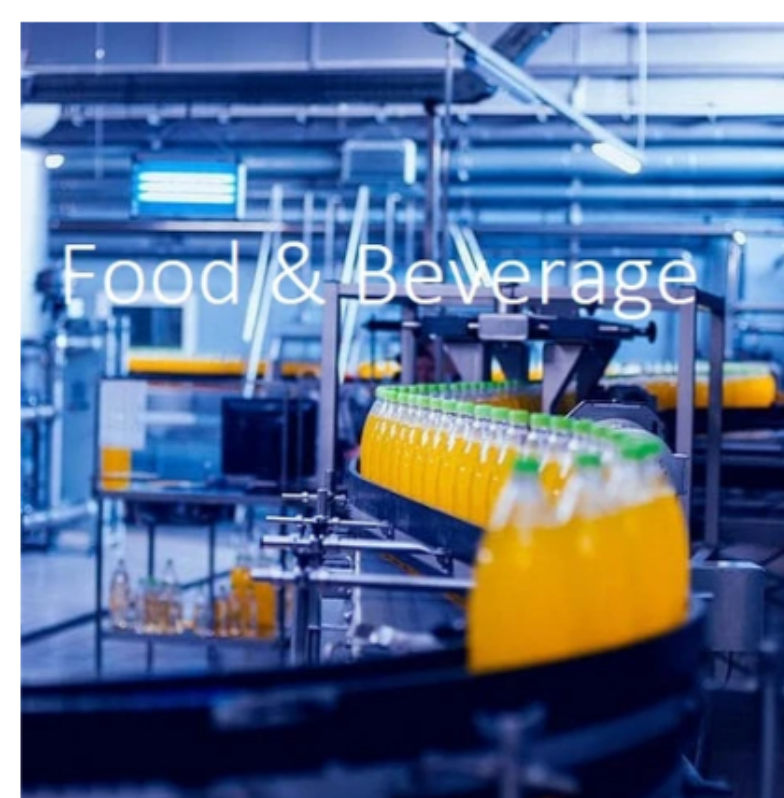
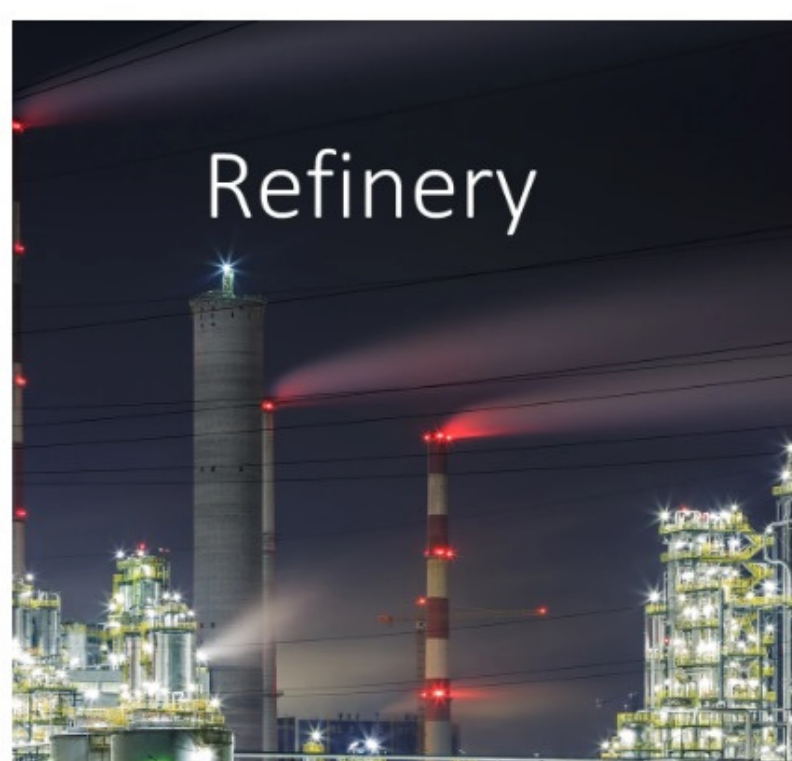
dSW Series-SeaWater RO Membranes

- pH Range Continuous Operation 2-11
- pH Range Short-Term Cleaning 1-13
- Maximum Operating Temperature 45°C (113°F)
- Maximum Feed SDI(SDI15) 5.0
- Maximum Element Pressure Drop 1.0 bar (15psi)
- Maximum Operating Pressure 83 bar (1200 psi)
- Free Chlorine Tolerance < 0.1 ppm



One of the special features of Desalt dSW series reverse osmosis membranes is that they have a thin and dense protective layer with high-pressure resistance. It has high resistance to wear and the destruction of chemicals. This filter tolerates a wide range of pH, which enables cleaning with higher efficiency using common acid and base, so it has a high cleaning efficiency. The membrane system can operate under lower pressure for a long time due to thorough cleaning, so the membrane performs better during its useful life.

INDUSTRIES & APPLICATIONS



Headquarter office

Salzkammergut, Austria
info@desalt-tech.com

UAE office

No 2036, 20th Floor , Burjuman
Business Tower , Dubai
Tel:00971509656364
desalco.uae@gmail.com

www.desalt-tech.com