

Tubular Membranes Market in Zero Liquid Discharge Systems, By Application (Membrane Bioreactor, Reverse Osmosis, Others), End-Use Industry (Energy & Power, Chemicals & Petrochemicals, Textiles, Leather), and Region - Global Forecast to 2023

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Abstracts

The tubular membranes market in Zero Liquid Discharge (ZLD) systems projected to reach USD 1,056.2 million by 2023

The tubular membranes market in ZLD systems is estimated at USD 718.7 million in 2018 and is projected to reach USD 1,056.2 million by 2023, at a CAGR of 8.0% between 2018 and 2023. Factors such as growing emphasis on reducing the capital and operating costs of ZLD systems using membranes, and increasing regulations on wastewater discharge from various industries across the world influence the tubular membranes market in ZLD systems. Major factors that are expected to restrain the market include high capital expenditure for ZLD systems and more impetus on thermal separation systems.

Textiles segment projected to grow at the highest CAGR during the forecast period

Based on end-use industry, the tubular membranes market in ZLD systems has been segmented into energy & power, chemicals & petrochemicals, pharmaceuticals, textiles, leather, and others. Due to increasing concerns and regulations affecting the textile industry over the disposal of wastewater containing dyes and pigments into freshwater bodies and agricultural lands, this segment is expected to grow at the highest CAGR during the forecast period.

Asia Pacific market projected to grow at highest CAGR during the forecast period

The Asia Pacific tubular membranes market in ZLD systems is projected to grow at the highest CAGR between 2018 and 2023. The Asia Pacific has a high potential market for tubular membranes in ZLD systems mainly due to rapid industrialization in the region. Moreover, majorly, power plants in the region are thermal power plants that are expected to drive demand from the energy & power sector. China has increased regulations for wastewater discharge from coal power plants and implemented mandates for the use of ZLD systems for the same. India, another major market in the Asia Pacific region, is expected to register significant demand during the forecast period.

Breakdown of the profile of primary participants:

By Company Type: Tier 1 – 10%, Tier 2 – 40%, and Tier 3 – 50%

By Designation: C Level – 45%, Director Level – 23%, and Others – 32%

By Region: Asia Pacific – 53%, Europe – 21%, North America – 16%, and Middle East & Africa – 10%

Some of the major companies profiled in this report include Porex Corporation (US), Berghof Membranes (Netherlands), Microdyn-Nadir (Germany), Pentair plc (US), PCI Membranes (UK), Dynatec Systems, Inc. (US), Hyflux Ltd.(Singapore), Spintek Filtration Inc. (US), and others.

Research Coverage:

This report offers an overview of the market trends, drivers, and challenges with respect to the tubular membranes market in ZLD systems. It also provides a detailed overview of the market across 5 regions, namely, Asia Pacific, Europe, North America, the Middle East & Africa, and South America. The report categorizes the tubular membranes market in ZLD systems on the basis of application, end-use industry, and region. A detailed analysis of leading players, along with product portfolios and key strategies adopted by them, is also covered in the report.

Reasons to buy the report:

This report covers the following key aspects:

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Market size by 2023 and growth rate

Key market trends

Factors expected to drive growth of the market

Challenges that impact market growth

Key players in this market

The report covers key regions, such as North America, Europe, and Asia Pacific, including major countries in these regions, such as the US, China, India, UK, and Germany

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