

# Global Hydrogen Gas Separation Membranes Supply, Demand and Key Producers, 2023-2029

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### **Abstracts**

Hydrogen gas separation membrane is one of the most widely used industries for gas separation membranes. Types of Hydrogen Separation Membranes (based on the materials used) can be categorized into four types: (i) polymer (organic), (ii) metallic, (iii) carbon, and (iv) ceramic.

This report studies the global Hydrogen Gas Separation Membranes production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Hydrogen Gas Separation Membranes, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Hydrogen Gas Separation Membranes that contribute to its increasing demand across many markets.

The global Hydrogen Gas Separation Membranes market size is expected to reach \$ 298 million by 2029, rising at a market growth of 6.3% CAGR during the forecast period (2023-2029).

Major global players of hydrogen separation membranes include Air Liquide, Evonik Industries, BORSIG, Air Products and Linde Engineering, among others. The top three global producers by revenue account for more than 50 per cent. North America is the world's largest market with a market share of about 37 percent, followed by Asia Pacific with about 30 percent and Europe with 28 percent. Organic polymer membranes are the largest segment in terms of product type, accounting for over 80% of the market share, and refinery purge gas application has the largest share in terms of applications, at over 40%.



Highlights and key features of the study

Global Hydrogen Gas Separation Membranes total production and demand, 2018-2029, (K Units)

Global Hydrogen Gas Separation Membranes total production value, 2018-2029, (USD Million)

Global Hydrogen Gas Separation Membranes production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Hydrogen Gas Separation Membranes consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Hydrogen Gas Separation Membranes domestic production, consumption, key domestic manufacturers and share

Global Hydrogen Gas Separation Membranes production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Hydrogen Gas Separation Membranes production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Hydrogen Gas Separation Membranes production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Hydrogen Gas Separation Membranes market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Air Liquide, Evonik Industries, BORSIG, Air Products, Linde Engineering, Honeywell, Toray, UBE Industries and Tianbang, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Hydrogen Gas Separation Membranes market



#### Detailed Segmentation:

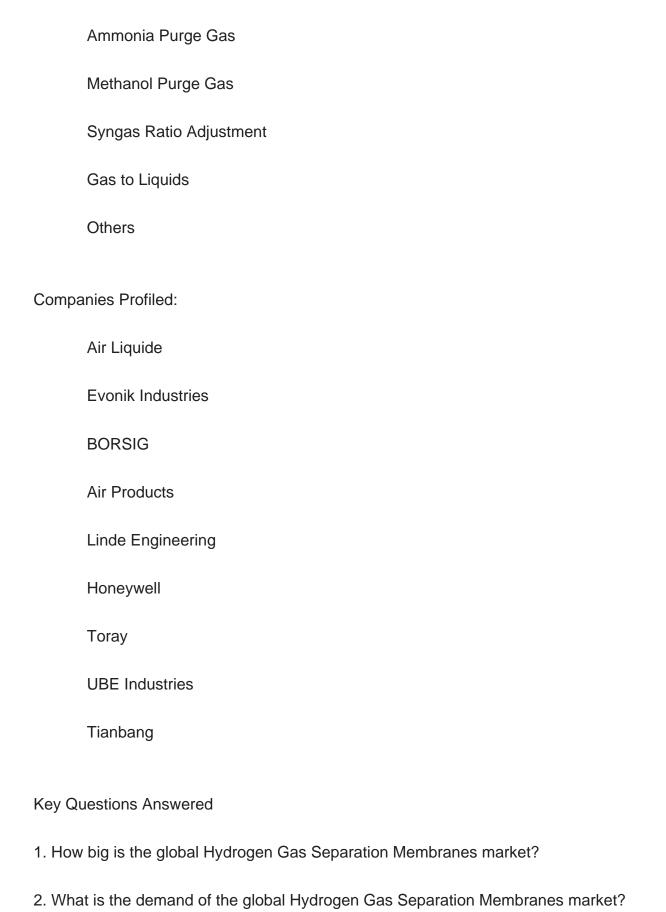
Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Hydrogen Gas Separation Membranes Market, By Region: **United States** China Europe Japan South Korea **ASEAN** India Rest of World Global Hydrogen Gas Separation Membranes Market, Segmentation by Type Organic Polymer Membrane Inorganic Membranes

Global Hydrogen Gas Separation Membranes Market, Segmentation by Application

Refinery Purge Gas





Global Hydrogen Gas Separation Membranes Supply, Demand and Key Producers, 2023-2029

3. What is the year over year growth of the global Hydrogen Gas Separation



#### Membranes market?

- 4. What is the production and production value of the global Hydrogen Gas Separation Membranes market?
- 5. Who are the key producers in the global Hydrogen Gas Separation Membranes market?
- 6. What are the growth factors driving the market demand?



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