

# Global Gas Separation Membranes Competitive Landscape Professional Research Report 2025

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## Abstracts

### Market Overview

According to DIResearch's in-depth investigation and research, the global Gas Separation Membranes market size will reach 762.63 Million USD in 2025 and is projected to reach 1,140.67 Million USD by 2032, with a CAGR of 5.92% (2025-2032). Notably, the China Gas Separation Membranes market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

### Research Summary

Gas separation membranes are thin, selective barriers that allow the separation of different gases based on their permeability through the membrane material. These membranes are commonly made from polymers, ceramics, or hybrid materials and are designed to selectively transport specific gases while restricting the passage of others. The separation process relies on differences in the size, shape, and solubility of gas molecules. Gas separation membranes find applications in various industries, including gas processing, petrochemical refining, and natural gas purification. They offer advantages such as energy efficiency, compact design, and reduced environmental impact compared to traditional separation methods. Common types of gas separation membranes include polymeric membranes, zeolite membranes, and mixed matrix membranes, each tailored to specific gas separation requirements.

The major global manufacturers of Gas Separation Membranes include Air Products, Air Liquide, AIRRANE, Evonik Industries, Fujifilm, UBE, Grasys, Generon IGS, Schlumberger, Honeywell, MTR, Permea, Borsig, Parker Hannifin, Tianbang

Membrane, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Gas Separation Membranes. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global Gas Separation Membranes market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Gas Separation Membranes market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Gas Separation Membranes industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of Gas Separation Membranes Include:

Air Products

Air Liquide

AIRRANE

Evonik Industries

Fujifilm

UBE

Grasys

Generon IGS

Schlumberger

Honeywell

MTR

Permea

Borsig

Parker Hannifin

Tianbang Membrane

Gas Separation Membranes Product Segment Include:

Hollow Fiber Type

Spiral Wound Type

Others

Gas Separation Membranes Product Application Include:

Isolation of Inert N<sub>2</sub> from Air

H2 Recovery

CO2 Removal from Natural Gas

Vapor/Nitrogen Separation

Others

## **Chapter Scope**

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