

# Global Gas Separation Membranes Market Research Report 2018

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## Abstracts

This report studies the Gas Separation Membranes market status and outlook of global and major regions, from angles of manufacturers, regions, product types and end industries; this report analyzes the top manufacturers in global and major regions, and splits the Gas Separation Membranes market by product type and applications/end industries.

The global Gas Separation Membranes market is valued at 495 million USD in 2017 and is expected to reach 532 million USD by the end of 2025, growing at a CAGR of 0.91% between 2017 and 2025.

The major players in global Gas Separation Membranes market include

Table Global Gas Separation Membranes Volume and Value by Manufacturers  
Competition by Company Volume (Units) Revenue( Million USD)

	Volume	Market Share	Value	Market Share
Air Products	128085	29.93%	148.96	30.07%
Air Liquide	90295	21.10%	107.44	21.69%
UBE	65906	15.40%	73.98	14.93%
Grasys	15134	3.54%	18.58	3.75%
Evonik	6523	1.52%	7.1	1.43%
Schlumberger	7534	1.76%	9.96	2.01%
IGS	8203	1.92%	9.24	1.87%
Honeywell	13280	3.10%	18.01	3.64%
MTR	4049	0.95%	4.96	1.00%
Borsig	5176	1.21%	4.89	0.99%
Parker Hannifin	8440	1.97%	8.7	1.76%
Tianbang	8596	2.01%	6.85	1.38%
SSS	7092	1.66%	5.94	1.20%
Others	59622	13.93%	70.77	14.29%

Total 427935 100% 495.38 100%

Source: Annual Reports, Secondary Information, Press Releases, Expert Interviews and QYR Chemical & Material Research Center, Mar 2018

Figure Global Market Size (Million USD) Status and Outlook 2013-2025

Source: Annual Reports, Secondary Information, Press Releases, Expert Interviews and QYR Chemical & Material Research Center, Mar 2018

Geographically, this report is segmented into several key Regions, with production, consumption, revenue, market share and growth rate of Gas Separation Membranes in these regions, from 2013 to 2025 (forecast), covering

Table Global Gas Separation Membranes Value (Revenue: Million USD) by Regions

Revenue (M \$) 2013 2017 2025F Share in 2025F CAGR 2017-2025

Europe 121.26 128.43 148.76 27.94% 1.85%

USA 248.36 278.13 291.33 54.71% 0.58%

Japan 56.78 52.96 44.23 8.31% -2.23%

China 18.59 21.18 28.29 5.31% 3.68%

India & SEA 4.78 6.62 10.64 2.00% 6.11%

Other 7.01 8.06 9.2 1.73% 1.67%

Total 456.78 495.38 532.45 100% 0.91%

Source: Annual Reports, Secondary Information, Press Releases, Expert Interviews and QYR Chemical & Material Research Center, Mar 2018

On the basis of product, the Gas Separation Membranes market is primarily split into

By structures:

Hollow Fiber

Spiral Wound

Others

Or by Materials:

Polyimide & Polyaramide

Polysulfone

Cellulose Acetate

Other Materials

Table Gas Separation Membranes Production (Units) Market Split by Product Type

Production (Units) 2013 2017 2025F Share in 2025F CAGR 2017-2025

Polyimide & Polyaramide 172147 204468 269121 50.14% 3.49%

Polysulfone 131781 149050 176265 32.84% 2.12%

Cellulose Acetate 19074 21054 25602 4.77% 2.47%

Other Polymers 46650 53363 65751 12.25% 2.64%

Total 369652 427935 536739 100% 2.87%

Source: Secondary Literature, Press Releases, Expert Interviews and QYR Chemical & Material Research Center, Mar 2018

Table Gas Separation Membranes Production (Units) Market Split by Product Type II  
Production (Units) 2013 2017 2025F Share in 2025F CAGR 2017-2025

Hollow Fiber 314906 361605 451558 84.13% 2.82%

Spiral Wound 39368 48613 61135 11.39% 2.91%

Others 15378 17717 24046 4.48% 3.89%

Total 369652 427935 536739 100% 2.87%

Source: Secondary Literature, Press Releases, Expert Interviews and QYR Chemical & Material Research Center, Mar 2018

On the basis on the end users/applications, this report covers

Isolation of Inert N2 from Air

H2 Recovery

CO2 Removal from Natural Gas

Vapor/Nitrogen Separation

Other Applications

Table Gas Separation Membranes Consumption (Units) by Application (2013-2025)

Sales (Units) 2013 2017 2025F Share in 2025F CAGR 2017-2025

Isolation of Inert N2 from Air 113779 129451 163330 30.43% 2.95%

H2 Recovery 82654 95686 121679 22.67% 3.05%

CO2 Removal from Natural Gas 81915 94103 117277 21.85% 2.79%

Vapor/Nitrogen Separation 34673 40825 53137 9.90% 3.35%

Other Applications 56631 67870 81316 15.15% 2.29%

Total 369652 427935 536739 100% 2.87%

Source: Secondary Literature, Press Releases, Expert Interviews and QYResearch

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