

Global Dry Gas Seals Market Research Report 2024(Status and Outlook)

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Abstracts

Report Overview

Dry gas seals are critical components used in various industries to prevent gas leakage in rotating equipment such as compressors and pumps. These seals operate without the need for external lubrication, making them ideal for high-pressure and high-speed applications. The market for dry gas seals is positioned within the broader industrial sealing solutions sector, catering to industries like oil & gas, chemical processing, power generation, and others.

As of 2023, the global market size for dry gas seals stands at approximately USD 450 million. The market is projected to grow at a Compound Annual Growth Rate (CAGR) of 6.75% from 2024 to 2032. This growth can be attributed to several key drivers and market forces. Firstly, the increasing demand for energy worldwide is driving investments in oil & gas exploration and production activities, thereby boosting the demand for compressors and dry gas seals. Additionally, stringent regulations regarding emissions control and environmental protection are pushing industries to adopt more efficient sealing solutions like dry gas seals.

One prominent trend in the dry gas seal market is the growing adoption of advanced sealing technologies to enhance equipment reliability and operational efficiency. Manufacturers are focusing on developing innovative seal designs that offer improved performance in terms of leakage control and maintenance intervals. For instance, the integration of condition monitoring systems in dry gas seals allows for predictive maintenance, reducing downtime and operational costs for end-users.

Another trend shaping the market is the increasing preference for aftermarket services

and solutions among end-users. As industries strive to optimize asset performance and extend equipment lifespan, the demand for services like seal refurbishment, spare parts, and technical support is on the rise. This shift towards aftermarket services presents opportunities for seal manufacturers to build long-term partnerships with customers and enhance revenue streams.

Regionally, leading markets for dry gas seals include North America, Europe, and Asia Pacific. North America dominates the market due to the presence of a mature oil & gas industry and a strong focus on technological advancements. Europe follows closely, driven by stringent environmental regulations and a growing emphasis on sustainable practices. In Asia Pacific, rapid industrialization and infrastructure development are fueling the demand for dry gas seals in sectors such as power generation and chemical processing.

Despite the positive outlook, the market for dry gas seals faces challenges such as intense competition from alternative sealing technologies, pricing pressures, and the impact of economic fluctuations on capital investments. Manufacturers need to focus on differentiation through product innovation, strategic partnerships, and superior customer service to stay competitive in the market.

In conclusion, the global market for dry gas seals is poised for steady growth driven by increasing energy demand, technological advancements, and the shift towards aftermarket services. By addressing key market trends and challenges, industry players can capitalize on opportunities in different regions and strengthen their market position.

This report provides a deep insight into the global Dry Gas Seals market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Dry Gas Seals Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Dry Gas Seals market in any manner.

Global Dry Gas Seals Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

John Crane

EagleBurgmann

Flowserve

AESSEAL

Meccanotecnica Umbra

VULCAN

Garlock

Sunnyseal

Oerlikon Balzers

KSB

Colossus

Sulzer

Flex-A-Seal

Chesterton

Valmet

Ekato

Xi'an Yonghua

Fluiten

James Walker

Market Segmentation (by Type)

Compressor Seals

Pump MSeals

Reactor Seals

Others

Market Segmentation (by Application)

Oil & Gas

Power Industry

Chemical Industry

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Dry Gas Seals Market

Overview of the regional outlook of the Dry Gas Seals Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your

marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales

team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Dry Gas Seals Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Dry Gas Seals

1.2 Key Market Segments

1.2.1 Dry Gas Seals Segment by Type

1.2.2 Dry Gas Seals Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 DRY GAS SEALS MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Dry Gas Seals Market Size (M USD) Estimates and Forecasts (2019-2032)

2.1.2 Global Dry Gas Seals Sales Estimates and Forecasts (2019-2032)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

2.4 Macroeconomic Analysis

3 DRY GAS SEALS MARKET COMPETITIVE LANDSCAPE

3.1 Global Dry Gas Seals Sales by Manufacturers (2019-2024)

3.2 Global Dry Gas Seals Revenue Market Share by Manufacturers (2019-2024)

3.3 Dry Gas Seals Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global Dry Gas Seals Average Price by Manufacturers (2019-2024)

3.5 Manufacturers Dry Gas Seals Sales Sites, Area Served, Product Type

3.6 Dry Gas Seals Market Competitive Situation and Trends

3.6.1 Dry Gas Seals Market Concentration Rate

3.6.2 Global 5 and 10 Largest Dry Gas Seals Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

4 DRY GAS SEALS INDUSTRY CHAIN ANALYSIS

- 4.1 Dry Gas Seals Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF DRY GAS SEALS MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Market Restraints
- 5.5 Industry News
 - 5.5.1 New Product Developments
 - 5.5.2 Mergers & Acquisitions
 - 5.5.3 Expansions
 - 5.5.4 Collaboration/Supply Contracts
- 5.6 Industry Policies

6 DRY GAS SEALS MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Dry Gas Seals Sales Market Share by Type (2019-2024)
- 6.3 Global Dry Gas Seals Market Size Market Share by Type (2019-2024)
- 6.4 Global Dry Gas Seals Price by Type (2019-2024)

7 DRY GAS SEALS MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Dry Gas Seals Market Sales by Application (2019-2024)
- 7.3 Global Dry Gas Seals Market Size (M USD) by Application (2019-2024)
- 7.4 Global Dry Gas Seals Sales Growth Rate by Application (2019-2024)

8 DRY GAS SEALS MARKET SALES BY REGION

- 8.1 Global Dry Gas Seals Sales by Region
 - 8.1.1 Global Dry Gas Seals Sales by Region
 - 8.1.2 Global Dry Gas Seals Sales Market Share by Region
- 8.2 Global Dry Gas Seals Market Size by Region
 - 8.2.1 Global Dry Gas Seals Market Size by Region

8.2.2 Global Dry Gas Seals Market Size Market Share by Region

8.3 North America

8.3.1 North America Dry Gas Seals Sales by Country

8.3.2 North America Dry Gas Seals Market Size by Country

8.3.3 U.S. Market Overview

8.3.4 Canada Market Overview

8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe Dry Gas Seals Sales by Country

8.4.2 Europe Dry Gas Seals Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Russia Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific Dry Gas Seals Sales by Region

8.5.2 China

8.5.3 Japan

8.5.4 South Korea

8.5.5 India

8.5.6 Southeast Asia

8.6 Asia Pacific

8.6.1 Asia Pacific Dry Gas Seals Market Size by Region

8.6.2 Asia Pacific Dry Gas Seals Market Size by Region

8.6.3 China

8.6.4 Japan

8.6.5 South Korea

8.6.6 India

8.6.7 Southeast Asia

8.7 South America

8.7.1 South America Dry Gas Seals Sales by Country

8.7.2 South America Dry Gas Seals Market Size by Country

8.7.3 Brazil

8.7.4 Argentina

8.7.5 Columbia

8.8 Middle East and Africa

8.8.1 Middle East and Africa Dry Gas Seals Sales by Region

8.8.2 Middle East and Africa Dry Gas Seals Market Size by Region

8.8.3 Saudi Arabia

8.8.4 UAE

8.8.5 Egypt

8.8.6 Nigeria

8.8.7 South Africa

9 DRY GAS SEALS MARKET PRODUCTION BY REGION

9.1 Global Production of Dry Gas Seals by Region (2019-2024)

9.2 Global Dry Gas Seals Revenue Market Share by Region (2019-2024)

9.3 Global Dry Gas Seals Production, Revenue, Price and Gross Margin (2019-2024)

9.4 North America Dry Gas Seals Production

9.4.1 North America Dry Gas Seals Production Growth Rate (2019-2024)

9.4.2 North America Dry Gas Seals Production, Revenue, Price and Gross Margin (2019-2024)

9.5 Europe Dry Gas Seals Production

9.5.1 Europe Dry Gas Seals Production Growth Rate (2019-2024)

9.5.2 Europe Dry Gas Seals Production, Revenue, Price and Gross Margin (2019-2024)

9.6 Japan Dry Gas Seals Production (2019-2024)

9.6.1 Japan Dry Gas Seals Production Growth Rate (2019-2024)

9.6.2 Japan Dry Gas Seals Production, Revenue, Price and Gross Margin (2019-2024)

9.7 China Dry Gas Seals Production (2019-2024)

9.7.1 China Dry Gas Seals Production Growth Rate (2019-2024)

9.7.2 China Dry Gas Seals Production, Revenue, Price and Gross Margin (2019-2024)

10 KEY COMPANIES PROFILE

10.1 John Crane

10.1.1 John Crane Dry Gas Seals Basic Information

10.1.2 John Crane Dry Gas Seals Product Overview

10.1.3 John Crane Dry Gas Seals Product Market Performance

10.1.4 John Crane Business Overview

10.1.5 John Crane Dry Gas Seals SWOT Analysis

10.1.6 John Crane Recent Developments

10.2 EagleBurgmann

10.2.1 EagleBurgmann Dry Gas Seals Basic Information

10.2.2 EagleBurgmann Dry Gas Seals Product Overview

10.2.3 EagleBurgmann Dry Gas Seals Product Market Performance

- 10.2.4 EagleBurgmann Business Overview
- 10.2.5 EagleBurgmann Dry Gas Seals SWOT Analysis
- 10.2.6 EagleBurgmann Recent Developments
- 10.3 Flowserve
 - 10.3.1 Flowserve Dry Gas Seals Basic Information
 - 10.3.2 Flowserve Dry Gas Seals Product Overview
 - 10.3.3 Flowserve Dry Gas Seals Product Market Performance
 - 10.3.4 Flowserve Dry Gas Seals SWOT Analysis
 - 10.3.5 Flowserve Business Overview
 - 10.3.6 Flowserve Recent Developments
- 10.4 AESSEAL
 - 10.4.1 AESSEAL Dry Gas Seals Basic Information
 - 10.4.2 AESSEAL Dry Gas Seals Product Overview
 - 10.4.3 AESSEAL Dry Gas Seals Product Market Performance
 - 10.4.4 AESSEAL Business Overview
 - 10.4.5 AESSEAL Recent Developments
- 10.5 Meccanotecnica Umbra
 - 10.5.1 Meccanotecnica Umbra Dry Gas Seals Basic Information
 - 10.5.2 Meccanotecnica Umbra Dry Gas Seals Product Overview
 - 10.5.3 Meccanotecnica Umbra Dry Gas Seals Product Market Performance
 - 10.5.4 Meccanotecnica Umbra Business Overview
 - 10.5.5 Meccanotecnica Umbra Recent Developments
- 10.6 VULCAN
 - 10.6.1 VULCAN Dry Gas Seals Basic Information
 - 10.6.2 VULCAN Dry Gas Seals Product Overview
 - 10.6.3 VULCAN Dry Gas Seals Product Market Performance
 - 10.6.4 VULCAN Business Overview
 - 10.6.5 VULCAN Recent Developments
- 10.7 Garlock
 - 10.7.1 Garlock Dry Gas Seals Basic Information
 - 10.7.2 Garlock Dry Gas Seals Product Overview
 - 10.7.3 Garlock Dry Gas Seals Product Market Performance
 - 10.7.4 Garlock Business Overview
 - 10.7.5 Garlock Recent Developments
- 10.8 Sunnyseal
 - 10.8.1 Sunnyseal Dry Gas Seals Basic Information
 - 10.8.2 Sunnyseal Dry Gas Seals Product Overview
 - 10.8.3 Sunnyseal Dry Gas Seals Product Market Performance
 - 10.8.4 Sunnyseal Business Overview

- 10.8.5 Sunnyseal Recent Developments
- 10.9 Oerlikon Balzers
 - 10.9.1 Oerlikon Balzers Dry Gas Seals Basic Information
 - 10.9.2 Oerlikon Balzers Dry Gas Seals Product Overview
 - 10.9.3 Oerlikon Balzers Dry Gas Seals Product Market Performance
 - 10.9.4 Oerlikon Balzers Business Overview
 - 10.9.5 Oerlikon Balzers Recent Developments
- 10.10 KSB
 - 10.10.1 KSB Dry Gas Seals Basic Information
 - 10.10.2 KSB Dry Gas Seals Product Overview
 - 10.10.3 KSB Dry Gas Seals Product Market Performance
 - 10.10.4 KSB Business Overview
 - 10.10.5 KSB Recent Developments
- 10.11 Colossus
 - 10.11.1 Colossus Dry Gas Seals Basic Information
 - 10.11.2 Colossus Dry Gas Seals Product Overview
 - 10.11.3 Colossus Dry Gas Seals Product Market Performance
 - 10.11.4 Colossus Business Overview
 - 10.11.5 Colossus Recent Developments
- 10.12 Sulzer
 - 10.12.1 Sulzer Dry Gas Seals Basic Information
 - 10.12.2 Sulzer Dry Gas Seals Product Overview
 - 10.12.3 Sulzer Dry Gas Seals Product Market Performance
 - 10.12.4 Sulzer Business Overview
 - 10.12.5 Sulzer Recent Developments
- 10.13 Flex-A-Seal
 - 10.13.1 Flex-A-Seal Dry Gas Seals Basic Information
 - 10.13.2 Flex-A-Seal Dry Gas Seals Product Overview
 - 10.13.3 Flex-A-Seal Dry Gas Seals Product Market Performance
 - 10.13.4 Flex-A-Seal Business Overview
 - 10.13.5 Flex-A-Seal Recent Developments
- 10.14 Chesterton
 - 10.14.1 Chesterton Dry Gas Seals Basic Information
 - 10.14.2 Chesterton Dry Gas Seals Product Overview
 - 10.14.3 Chesterton Dry Gas Seals Product Market Performance
 - 10.14.4 Chesterton Business Overview
 - 10.14.5 Chesterton Recent Developments
- 10.15 Valmet
 - 10.15.1 Valmet Dry Gas Seals Basic Information

- 10.15.2 Valmet Dry Gas Seals Product Overview
- 10.15.3 Valmet Dry Gas Seals Product Market Performance
- 10.15.4 Valmet Business Overview
- 10.15.5 Valmet Recent Developments
- 10.16 Ekato
 - 10.16.1 Ekato Dry Gas Seals Basic Information
 - 10.16.2 Ekato Dry Gas Seals Product Overview
 - 10.16.3 Ekato Dry Gas Seals Product Market Performance
 - 10.16.4 Ekato Business Overview
 - 10.16.5 Ekato Recent Developments
- 10.17 Xi'an Yonghua
 - 10.17.1 Xi'an Yonghua Dry Gas Seals Basic Information
 - 10.17.2 Xi'an Yonghua Dry Gas Seals Product Overview
 - 10.17.3 Xi'an Yonghua Dry Gas Seals Product Market Performance
 - 10.17.4 Xi'an Yonghua Business Overview
 - 10.17.5 Xi'an Yonghua Recent Developments
- 10.18 Fluiten
 - 10.18.1 Fluiten Dry Gas Seals Basic Information
 - 10.18.2 Fluiten Dry Gas Seals Product Overview
 - 10.18.3 Fluiten Dry Gas Seals Product Market Performance
 - 10.18.4 Fluiten Business Overview
 - 10.18.5 Fluiten Recent Developments
- 10.19 James Walker
 - 10.19.1 James Walker Dry Gas Seals Basic Information
 - 10.19.2 James Walker Dry Gas Seals Product Overview
 - 10.19.3 James Walker Dry Gas Seals Product Market Performance
 - 10.19.4 James Walker Business Overview
 - 10.19.5 James Walker Recent Developments

11 DRY GAS SEALS MARKET FORECAST BY REGION

- 11.1 Global Dry Gas Seals Market Size Forecast
- 11.2 Global Dry Gas Seals Market Forecast by Region
 - 11.2.1 North America Market Size Forecast by Country
 - 11.2.2 Europe Dry Gas Seals Market Size Forecast by Country
 - 11.2.3 Asia Pacific Dry Gas Seals Market Size Forecast by Region
 - 11.2.4 South America Dry Gas Seals Market Size Forecast by Country
 - 11.2.5 Middle East and Africa Forecasted Sales of Dry Gas Seals by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2032)

12.1 Global Dry Gas Seals Market Forecast by Type (2025-2032)

12.1.1 Global Forecasted Sales of Dry Gas Seals by Type (2025-2032)

12.1.2 Global Dry Gas Seals Market Size Forecast by Type (2025-2032)

12.1.3 Global Forecasted Price of Dry Gas Seals by Type (2025-2032)

12.2 Global Dry Gas Seals Market Forecast by Application (2025-2032)

12.2.1 Global Dry Gas Seals Sales (K Units) Forecast by Application

12.2.2 Global Dry Gas Seals Market Size (M USD) Forecast by Application
(2025-2032)

13 CONCLUSION AND KEY FINDINGS

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