

Global FFKM O-Rings and Seals Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GCCC1369A488EN.html>

Date: July 2026

Pages: 178

Price: US\$ 4,480.00 (Single User License)

ID: GCCC1369A488EN

Abstracts

The global FFKM O-Rings and Seals market size is expected to reach \$ 2427 million by 2032, rising at a market growth of 8.3% CAGR during the forecast period (2026-2032).

In 2025, global FFKM O-Rings and Seals capacity 15,000 k Pcs, sales reached approximately 13,397 k Pcs, with an average market price of around 100 USD/Pcs, industrial gross margin 42%.

FFKM O-Rings and Seals are premium elastomeric sealing components designed for extreme operating environments, positioned less as generic consumables and more as reliability-critical parts in semiconductor, chemical processing, aerospace, energy and pharmaceutical equipment. FFKM, or perfluoroelastomer, combines the broad chemical resistance associated with PTFE-like fluorinated structures with the elastic recovery required for sealing. Typical FFKM O-Rings and Seals can operate across roughly -25°C to +325°C in long-term service, while selected compounds can extend below -40°C or approach +327°C at the upper end. Common hardness ranges are around 70-90 Shore A; tensile strength is often in the 9-19MPa range; elongation at break is typically around 125%-170%; and compression set under 200-230°C, 70-hour conditions can range from approximately 12% to 40%, depending on compound design. Standard O-rings are generally supplied to AS568 and ISO 3601 dimensions, while engineered seals extend into door seals, chamber seals, bonded seals, custom profiles, diaphragms, valve seats and metal- or plastic-bonded sealing structures.

The technical barrier of FFKM O-Rings and Seals lies in polymer architecture, curing chemistry, filler formulation, precision molding, clean processing and application validation rather than basic rubber conversion. High-end FFKM materials must balance resistance to acids, amines, solvents, steam, plasma, low extractables, low metal ions,

low particle generation and low outgassing. Semiconductor-grade products also need to maintain sealing force under fluorine plasma, chlorine-based cleaning gases, wet acids and bases, CVD, PVD, ALD, etch and rapid thermal processing environments. Manufacturing capabilities include high-purity compounding, precision compression molding, post-curing, surface treatment, ultra-clean washing, lot traceability and clean packaging. Seal design requires control of groove squeeze, extrusion gap, thermal expansion, stress relaxation, particle control and serviceability. FFKM O-Rings and Seals carry a significant price premium over FKM, EPDM, silicone rubber and PTFE-encapsulated alternatives, but their value proposition is driven by lower unplanned downtime, lower contamination risk, longer replacement intervals and higher equipment availability.

Demand for FFKM O-Rings and Seals is anchored in semiconductor equipment and chemical processing, with additional penetration in aerospace, oil and gas, hydrogen, life sciences and high-end analytical instruments. Semiconductor is the most demanding and fastest-evolving application cluster. Etch, deposition, wafer cleaning, gas delivery, vacuum pumps, abatement systems, gate valves and slit valves all require high-purity, low-contamination and plasma-resistant FFKM O-Rings and Seals. Advanced nodes, three-dimensional device structures, higher numbers of deposition and etch steps, and more aggressive chamber-cleaning requirements are increasing demand for dedicated compounds and custom seal geometries. In chemical processing and energy, the main value drivers are resistance to hot acids, hot bases, amines, ketones, ethers, hydrogen sulfide, strong oxidizers and high-temperature hydrocarbons. Aerospace and turbine applications emphasize compression set, thermal cycling and long-term sealing force at elevated temperatures, while pharmaceutical and bioprocessing applications emphasize CIP/SIP compatibility, steam sterilization, low extractables and regulatory compliance.

The FFKM O-Rings and Seals supply chain is characterized by concentrated upstream fluorinated-material capability, differentiated midstream formulation and processing, and long downstream qualification cycles. Upstream inputs include perfluoroether monomers, fluoropolymers, curing agents, functional fillers, clean chemicals and high-purity packaging materials. Midstream suppliers provide FFKM compounds, O-rings, custom seals, bonded seals, semiconductor chamber seals and application-specific sealing systems. Downstream customers include semiconductor equipment OEMs, fabs, chemical plants, aero-engine platforms, oil and gas equipment, pharmaceutical equipment and high-end valve and pump manufacturers. Major brand systems include Kalrez, Chemraz, Isolast, Simriz, Parofluor and Perlast, with competitive barriers built around proprietary formulations, semiconductor customer qualifications, clean

manufacturing, global fulfillment and application databases. Recent industry developments show the strategic weight of this niche: Kalrez introduced new specialty sealing products for advanced semiconductor manufacturing in 2025; 3M completed its exit from PFAS manufacturing at the end of 2025, tightening the broader fluorinated-material landscape; and in October 2025 Freudenberg Sealing Technologies completed the acquisition of DMH Group, adding customized sealing, processing equipment, software and regional service capabilities.

The growth logic of FFKM O-Rings and Seals is shifting from material substitution toward a combined competition in purity, lifetime, traceability and application-specific design. In semiconductor equipment, seals are moving from standard O-rings toward chamber-level, gate-valve-level, low-particle bonded and reusable installation designs. Evaluation criteria are expanding from heat and chemical resistance to particle generation, metal-ion contamination, outgassing, plasma lifetime and lot-to-lot consistency. In chemical processing and energy, high-temperature corrosive processes, hydrogen systems, sour-gas environments and high-reliability valves and pumps are driving the penetration of specialized compounds. In pharmaceutical and food-contact applications, the direction is toward restricted-substance control, low extractables and cleanable material systems. PFAS-related regulation creates a long-term constraint on FFKM O-Rings and Seals, but in semiconductor, aerospace, energy and critical chemical applications, alternative materials still struggle to combine chemical resistance, high-temperature stability, low contamination and elastic sealing performance. Competitive advantage will increasingly be defined by three capabilities: sustainable and compliant fluorinated-material supply, joint qualification with mission-critical equipment platforms, and a shift from standard-part sales to lifecycle sealing reliability management.

This report studies the global FFKM O-Rings and Seals production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for FFKM O-Rings and Seals and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of FFKM O-Rings and Seals that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global FFKM O-Rings and Seals total production and demand, 2021-2032, (k Pcs)

Global FFKM O-Rings and Seals total production value, 2021-2032, (USD Million)

Global FFKM O-Rings and Seals production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (k Pcs), (based on production site)

Global FFKM O-Rings and Seals consumption by region & country, CAGR, 2021-2032 & (k Pcs)

U.S. VS China: FFKM O-Rings and Seals domestic production, consumption, key domestic manufacturers and share

Global FFKM O-Rings and Seals production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (k Pcs)

Global FFKM O-Rings and Seals production by Type, production, value, CAGR, 2021-2032, (USD Million) & (k Pcs)

Global FFKM O-Rings and Seals production by Application, production, value, CAGR, 2021-2032, (USD Million) & (k Pcs)

This report profiles key players in the global FFKM O-Rings and Seals 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 Qnity Electronics (formerly DuPont Electronics), NOK Corporation, Trelleborg, VALQUA, Parker Hannifin, Daikin, Freudenberg, Greene Tweed, Air Water Mach, Maxmold Polymer, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World FFKM O-Rings and Seals market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (k Pcs) and average price (USD/Pcs) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global FFKM O-Rings and Seals Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global FFKM O-Rings and Seals Market, Segmentation by Type:

O-Ring

V-Ring

Gasket

Other Seals

Global FFKM O-Rings and Seals Market, Segmentation by Operating Temperature:

High Temperature (below 300°C)

Extreme High Temperature (above 300°C)

Global FFKM O-Rings and Seals Market, Segmentation by Grade:

Semiconductor Grade

Industrial Grade

Global FFKM O-Rings and Seals Market, Segmentation by Inner Diameter (ID):

Below 10 mm

10-100 mm

Above 100 mm

Global FFKM O-Rings and Seals Market, Segmentation by Application:

Semiconductor

Chemical

Oil and Gas

Pharmaceutical

Aerospace

Others

Companies Profiled:

Qnity Electronics (formerly DuPont Electronics)

NOK Corporation

Trelleborg

VALQUA

Parker Hannifin

Daikin

Freudenberg

Greene Tweed

Air Water Mach

Maxmold Polymer

GMORS

EKK

Shanghai Xinmi Technology (IC Seal)

Precision Polymer Engineering (PPE) (IDEX)

TRP Polymer Solutions

MFC Sealing Technology

Ceetak

Boilpeak Seals Technology (Jiangsu)

Sakura Seal

Yoson Seals

M.C.M. S.p.A. (Angst+Pfister)

Shenzhen HAO-O

KTseal

Highlight Technology Corporation (Htc Vacuum)

Sigma Seals & Gaskets

Gapi

Dongguan Ritec Sealing Technology

Ningbo Sunshine Sealing Technology

Xiamen Xlong Seal

Key Questions Answered:

1. How big is the global FFKM O-Rings and Seals market?
2. What is the demand of the global FFKM O-Rings and Seals market?
3. What is the year over year growth of the global FFKM O-Rings and Seals market?
4. What is the production and production value of the global FFKM O-Rings and Seals market?
5. Who are the key producers in the global FFKM O-Rings and Seals market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 FFKM O-Rings and Seals Introduction
- 1.2 World FFKM O-Rings and Seals Supply & Forecast
 - 1.2.1 World FFKM O-Rings and Seals Production Value (2021 & 2025 & 2032)
 - 1.2.2 World FFKM O-Rings and Seals Production (2021-2032)
 - 1.2.3 World FFKM O-Rings and Seals Pricing Trends (2021-2032)
- 1.3 World FFKM O-Rings and Seals Production by Region (Based on Production Site)
 - 1.3.1 World FFKM O-Rings and Seals Production Value by Region (2021-2032)
 - 1.3.2 World FFKM O-Rings and Seals Production by Region (2021-2032)
 - 1.3.3 World FFKM O-Rings and Seals Average Price by Region (2021-2032)
 - 1.3.4 North America FFKM O-Rings and Seals Production (2021-2032)
 - 1.3.5 Europe FFKM O-Rings and Seals Production (2021-2032)
 - 1.3.6 China FFKM O-Rings and Seals Production (2021-2032)
 - 1.3.7 Japan FFKM O-Rings and Seals Production (2021-2032)
 - 1.3.8 Taiwan FFKM O-Rings and Seals Production (2021-2032)
 - 1.3.9 South Korea FFKM O-Rings and Seals Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 FFKM O-Rings and Seals Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 FFKM O-Rings and Seals Major Market Trends

2 DEMAND SUMMARY

- 2.1 World FFKM O-Rings and Seals Demand (2021-2032)
- 2.2 World FFKM O-Rings and Seals Consumption by Region
 - 2.2.1 World FFKM O-Rings and Seals Consumption by Region (2021-2026)
 - 2.2.2 World FFKM O-Rings and Seals Consumption Forecast by Region (2027-2032)
- 2.3 United States FFKM O-Rings and Seals Consumption (2021-2032)
- 2.4 China FFKM O-Rings and Seals Consumption (2021-2032)
- 2.5 Europe FFKM O-Rings and Seals Consumption (2021-2032)
- 2.6 Japan FFKM O-Rings and Seals Consumption (2021-2032)
- 2.7 South Korea FFKM O-Rings and Seals Consumption (2021-2032)
- 2.8 ASEAN FFKM O-Rings and Seals Consumption (2021-2032)
- 2.9 India FFKM O-Rings and Seals Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World FFKM O-Rings and Seals Production Value by Manufacturer (2021-2026)
- 3.2 World FFKM O-Rings and Seals Production by Manufacturer (2021-2026)
- 3.3 World FFKM O-Rings and Seals Average Price by Manufacturer (2021-2026)
- 3.4 FFKM O-Rings and Seals Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global FFKM O-Rings and Seals Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for FFKM O-Rings and Seals in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for FFKM O-Rings and Seals in 2025
- 3.6 FFKM O-Rings and Seals Market: Overall Company Footprint Analysis
 - 3.6.1 FFKM O-Rings and Seals Market: Region Footprint
 - 3.6.2 FFKM O-Rings and Seals Market: Company Product Type Footprint
 - 3.6.3 FFKM O-Rings and Seals Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: FFKM O-Rings and Seals Production Value Comparison
 - 4.1.1 United States VS China: FFKM O-Rings and Seals Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: FFKM O-Rings and Seals Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: FFKM O-Rings and Seals Production Comparison
 - 4.2.1 United States VS China: FFKM O-Rings and Seals Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: FFKM O-Rings and Seals Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: FFKM O-Rings and Seals Consumption Comparison
 - 4.3.1 United States VS China: FFKM O-Rings and Seals Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: FFKM O-Rings and Seals Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based FFKM O-Rings and Seals Manufacturers and Market Share, 2021-2026

4.4.1 United States Based FFKM O-Rings and Seals Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers FFKM O-Rings and Seals Production Value (2021-2026)

4.4.3 United States Based Manufacturers FFKM O-Rings and Seals Production (2021-2026)

4.5 China Based FFKM O-Rings and Seals Manufacturers and Market Share

4.5.1 China Based FFKM O-Rings and Seals Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers FFKM O-Rings and Seals Production Value (2021-2026)

4.5.3 China Based Manufacturers FFKM O-Rings and Seals Production (2021-2026)

4.6 Rest of World Based FFKM O-Rings and Seals Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based FFKM O-Rings and Seals Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers FFKM O-Rings and Seals Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers FFKM O-Rings and Seals Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World FFKM O-Rings and Seals Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 O-Ring

5.2.2 V-Ring

5.2.3 Gasket

5.2.4 Other Seals

5.3 Market Segment by Type

5.3.1 World FFKM O-Rings and Seals Production by Type (2021-2032)

5.3.2 World FFKM O-Rings and Seals Production Value by Type (2021-2032)

5.3.3 World FFKM O-Rings and Seals Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY OPERATING TEMPERATURE

6.1 World FFKM O-Rings and Seals Market Size Overview by Operating Temperature: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Operating Temperature

6.2.1 High Temperature (below 300°C)

6.2.2 Extreme High Temperature (above 300°C)

6.3 Market Segment by Operating Temperature

6.3.1 World FFKM O-Rings and Seals Production by Operating Temperature (2021-2032)

6.3.2 World FFKM O-Rings and Seals Production Value by Operating Temperature (2021-2032)

6.3.3 World FFKM O-Rings and Seals Average Price by Operating Temperature (2021-2032)

7 MARKET ANALYSIS BY GRADE

7.1 World FFKM O-Rings and Seals Market Size Overview by Grade: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Grade

7.2.1 Semiconductor Grade

7.2.2 Industrial Grade

7.3 Market Segment by Grade

7.3.1 World FFKM O-Rings and Seals Production by Grade (2021-2032)

7.3.2 World FFKM O-Rings and Seals Production Value by Grade (2021-2032)

7.3.3 World FFKM O-Rings and Seals Average Price by Grade (2021-2032)

8 MARKET ANALYSIS BY INNER DIAMETER (ID)

8.1 World FFKM O-Rings and Seals Market Size Overview by Inner Diameter (ID): 2021 VS 2025 VS 2032

8.2 Segment Introduction by Inner Diameter (ID)

8.2.1 Below 10 mm

8.2.2 10-100 mm

8.2.3 Above 100 mm

8.3 Market Segment by Inner Diameter (ID)

8.3.1 World FFKM O-Rings and Seals Production by Inner Diameter (ID) (2021-2032)

8.3.2 World FFKM O-Rings and Seals Production Value by Inner Diameter (ID) (2021-2032)

8.3.3 World FFKM O-Rings and Seals Average Price by Inner Diameter (ID) (2021-2032)

9 MARKET ANALYSIS BY APPLICATION

9.1 World FFKM O-Rings and Seals Market Size Overview by Application: 2021 VS 2025 VS 2032

9.2 Segment Introduction by Application

9.2.1 Semiconductor

9.2.2 Chemical

9.2.3 Oil and Gas

9.2.4 Pharmaceutical

9.2.5 Aerospace

9.2.6 Others

9.3 Market Segment by Application

9.3.1 World FFKM O-Rings and Seals Production by Application (2021-2032)

9.3.2 World FFKM O-Rings and Seals Production Value by Application (2021-2032)

9.3.3 World FFKM O-Rings and Seals Average Price by Application (2021-2032)

10 COMPANY PROFILES

10.1 Qnity Electronics (formerly DuPont Electronics)

10.1.1 Qnity Electronics (formerly DuPont Electronics) Details

10.1.2 Qnity Electronics (formerly DuPont Electronics) Major Business

10.1.3 Qnity Electronics (formerly DuPont Electronics) FFKM O-Rings and Seals Product and Services

10.1.4 Qnity Electronics (formerly DuPont Electronics) FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.1.5 Qnity Electronics (formerly DuPont Electronics) Recent Developments/Updates

10.1.6 Qnity Electronics (formerly DuPont Electronics) Competitive Strengths & Weaknesses

10.2 NOK Corporation

10.2.1 NOK Corporation Details

10.2.2 NOK Corporation Major Business

10.2.3 NOK Corporation FFKM O-Rings and Seals Product and Services

10.2.4 NOK Corporation FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.2.5 NOK Corporation Recent Developments/Updates

10.2.6 NOK Corporation Competitive Strengths & Weaknesses

10.3 Trelleborg

10.3.1 Trelleborg Details

10.3.2 Trelleborg Major Business

10.3.3 Trelleborg FFKM O-Rings and Seals Product and Services

10.3.4 Trelleborg FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.3.5 Trelleborg Recent Developments/Updates

10.3.6 Trelleborg Competitive Strengths & Weaknesses

10.4 VALQUA

10.4.1 VALQUA Details

10.4.2 VALQUA Major Business

10.4.3 VALQUA FFKM O-Rings and Seals Product and Services

10.4.4 VALQUA FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.4.5 VALQUA Recent Developments/Updates

10.4.6 VALQUA Competitive Strengths & Weaknesses

10.5 Parker Hannifin

10.5.1 Parker Hannifin Details

10.5.2 Parker Hannifin Major Business

10.5.3 Parker Hannifin FFKM O-Rings and Seals Product and Services

10.5.4 Parker Hannifin FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.5.5 Parker Hannifin Recent Developments/Updates

10.5.6 Parker Hannifin Competitive Strengths & Weaknesses

10.6 Daikin

10.6.1 Daikin Details

10.6.2 Daikin Major Business

10.6.3 Daikin FFKM O-Rings and Seals Product and Services

10.6.4 Daikin FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.6.5 Daikin Recent Developments/Updates

10.6.6 Daikin Competitive Strengths & Weaknesses

10.7 Freudenberg

10.7.1 Freudenberg Details

10.7.2 Freudenberg Major Business

10.7.3 Freudenberg FFKM O-Rings and Seals Product and Services

10.7.4 Freudenberg FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.7.5 Freudenberg Recent Developments/Updates

10.7.6 Freudenberg Competitive Strengths & Weaknesses

10.8 Greene Tweed

10.8.1 Greene Tweed Details

10.8.2 Greene Tweed Major Business

- 10.8.3 Greene Tweed FFKM O-Rings and Seals Product and Services
- 10.8.4 Greene Tweed FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 10.8.5 Greene Tweed Recent Developments/Updates
- 10.8.6 Greene Tweed Competitive Strengths & Weaknesses
- 10.9 Air Water Mach
 - 10.9.1 Air Water Mach Details
 - 10.9.2 Air Water Mach Major Business
 - 10.9.3 Air Water Mach FFKM O-Rings and Seals Product and Services
 - 10.9.4 Air Water Mach FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.9.5 Air Water Mach Recent Developments/Updates
 - 10.9.6 Air Water Mach Competitive Strengths & Weaknesses
- 10.10 Maxmold Polymer
 - 10.10.1 Maxmold Polymer Details
 - 10.10.2 Maxmold Polymer Major Business
 - 10.10.3 Maxmold Polymer FFKM O-Rings and Seals Product and Services
 - 10.10.4 Maxmold Polymer FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.10.5 Maxmold Polymer Recent Developments/Updates
 - 10.10.6 Maxmold Polymer Competitive Strengths & Weaknesses
- 10.11 GMORS
 - 10.11.1 GMORS Details
 - 10.11.2 GMORS Major Business
 - 10.11.3 GMORS FFKM O-Rings and Seals Product and Services
 - 10.11.4 GMORS FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.11.5 GMORS Recent Developments/Updates
 - 10.11.6 GMORS Competitive Strengths & Weaknesses
- 10.12 EKK
 - 10.12.1 EKK Details
 - 10.12.2 EKK Major Business
 - 10.12.3 EKK FFKM O-Rings and Seals Product and Services
 - 10.12.4 EKK FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.12.5 EKK Recent Developments/Updates
 - 10.12.6 EKK Competitive Strengths & Weaknesses
- 10.13 Shanghai Xinmi Technology (IC Seal)
 - 10.13.1 Shanghai Xinmi Technology (IC Seal) Details

- 10.13.2 Shanghai Xinmi Technology (IC Seal) Major Business
- 10.13.3 Shanghai Xinmi Technology (IC Seal) FFKM O-Rings and Seals Product and Services
- 10.13.4 Shanghai Xinmi Technology (IC Seal) FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 10.13.5 Shanghai Xinmi Technology (IC Seal) Recent Developments/Updates
- 10.13.6 Shanghai Xinmi Technology (IC Seal) Competitive Strengths & Weaknesses
- 10.14 Precision Polymer Engineering (PPE) (IDEX)
 - 10.14.1 Precision Polymer Engineering (PPE) (IDEX) Details
 - 10.14.2 Precision Polymer Engineering (PPE) (IDEX) Major Business
 - 10.14.3 Precision Polymer Engineering (PPE) (IDEX) FFKM O-Rings and Seals Product and Services
 - 10.14.4 Precision Polymer Engineering (PPE) (IDEX) FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.14.5 Precision Polymer Engineering (PPE) (IDEX) Recent Developments/Updates
 - 10.14.6 Precision Polymer Engineering (PPE) (IDEX) Competitive Strengths & Weaknesses
- 10.15 TRP Polymer Solutions
 - 10.15.1 TRP Polymer Solutions Details
 - 10.15.2 TRP Polymer Solutions Major Business
 - 10.15.3 TRP Polymer Solutions FFKM O-Rings and Seals Product and Services
 - 10.15.4 TRP Polymer Solutions FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.15.5 TRP Polymer Solutions Recent Developments/Updates
 - 10.15.6 TRP Polymer Solutions Competitive Strengths & Weaknesses
- 10.16 MFC Sealing Technology
 - 10.16.1 MFC Sealing Technology Details
 - 10.16.2 MFC Sealing Technology Major Business
 - 10.16.3 MFC Sealing Technology FFKM O-Rings and Seals Product and Services
 - 10.16.4 MFC Sealing Technology FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.16.5 MFC Sealing Technology Recent Developments/Updates
 - 10.16.6 MFC Sealing Technology Competitive Strengths & Weaknesses
- 10.17 Ceetak
 - 10.17.1 Ceetak Details
 - 10.17.2 Ceetak Major Business
 - 10.17.3 Ceetak FFKM O-Rings and Seals Product and Services
 - 10.17.4 Ceetak FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)

- 10.17.5 Ceetak Recent Developments/Updates
- 10.17.6 Ceetak Competitive Strengths & Weaknesses
- 10.18 Boilpeak Seals Technology (Jiangsu)
 - 10.18.1 Boilpeak Seals Technology (Jiangsu) Details
 - 10.18.2 Boilpeak Seals Technology (Jiangsu) Major Business
 - 10.18.3 Boilpeak Seals Technology (Jiangsu) FFKM O-Rings and Seals Product and Services
 - 10.18.4 Boilpeak Seals Technology (Jiangsu) FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.18.5 Boilpeak Seals Technology (Jiangsu) Recent Developments/Updates
 - 10.18.6 Boilpeak Seals Technology (Jiangsu) Competitive Strengths & Weaknesses
- 10.19 Sakura Seal
 - 10.19.1 Sakura Seal Details
 - 10.19.2 Sakura Seal Major Business
 - 10.19.3 Sakura Seal FFKM O-Rings and Seals Product and Services
 - 10.19.4 Sakura Seal FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.19.5 Sakura Seal Recent Developments/Updates
 - 10.19.6 Sakura Seal Competitive Strengths & Weaknesses
- 10.20 Yoson Seals
 - 10.20.1 Yoson Seals Details
 - 10.20.2 Yoson Seals Major Business
 - 10.20.3 Yoson Seals FFKM O-Rings and Seals Product and Services
 - 10.20.4 Yoson Seals FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.20.5 Yoson Seals Recent Developments/Updates
 - 10.20.6 Yoson Seals Competitive Strengths & Weaknesses
- 10.21 M.C.M. S.p.A. (Angst+Pfister)
 - 10.21.1 M.C.M. S.p.A. (Angst+Pfister) Details
 - 10.21.2 M.C.M. S.p.A. (Angst+Pfister) Major Business
 - 10.21.3 M.C.M. S.p.A. (Angst+Pfister) FFKM O-Rings and Seals Product and Services
 - 10.21.4 M.C.M. S.p.A. (Angst+Pfister) FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.21.5 M.C.M. S.p.A. (Angst+Pfister) Recent Developments/Updates
 - 10.21.6 M.C.M. S.p.A. (Angst+Pfister) Competitive Strengths & Weaknesses
- 10.22 Shenzhen HAO-O
 - 10.22.1 Shenzhen HAO-O Details
 - 10.22.2 Shenzhen HAO-O Major Business
 - 10.22.3 Shenzhen HAO-O FFKM O-Rings and Seals Product and Services

10.22.4 Shenzhen HAO-O FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.22.5 Shenzhen HAO-O Recent Developments/Updates

10.22.6 Shenzhen HAO-O Competitive Strengths & Weaknesses

10.23 KTseal

10.23.1 KTseal Details

10.23.2 KTseal Major Business

10.23.3 KTseal FFKM O-Rings and Seals Product and Services

10.23.4 KTseal FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.23.5 KTseal Recent Developments/Updates

10.23.6 KTseal Competitive Strengths & Weaknesses

10.24 Highlight Technology Corporation (Htc Vacuum)

10.24.1 Highlight Technology Corporation (Htc Vacuum) Details

10.24.2 Highlight Technology Corporation (Htc Vacuum) Major Business

10.24.3 Highlight Technology Corporation (Htc Vacuum) FFKM O-Rings and Seals Product and Services

10.24.4 Highlight Technology Corporation (Htc Vacuum) FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.24.5 Highlight Technology Corporation (Htc Vacuum) Recent Developments/Updates

10.24.6 Highlight Technology Corporation (Htc Vacuum) Competitive Strengths & Weaknesses

10.25 Sigma Seals & Gaskets

10.25.1 Sigma Seals & Gaskets Details

10.25.2 Sigma Seals & Gaskets Major Business

10.25.3 Sigma Seals & Gaskets FFKM O-Rings and Seals Product and Services

10.25.4 Sigma Seals & Gaskets FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.25.5 Sigma Seals & Gaskets Recent Developments/Updates

10.25.6 Sigma Seals & Gaskets Competitive Strengths & Weaknesses

10.26 Gapi

10.26.1 Gapi Details

10.26.2 Gapi Major Business

10.26.3 Gapi FFKM O-Rings and Seals Product and Services

10.26.4 Gapi FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.26.5 Gapi Recent Developments/Updates

10.26.6 Gapi Competitive Strengths & Weaknesses

10.27 Dongguan Ritec Sealing Technology

10.27.1 Dongguan Ritec Sealing Technology Details

10.27.2 Dongguan Ritec Sealing Technology Major Business

10.27.3 Dongguan Ritec Sealing Technology FFKM O-Rings and Seals Product and Services

10.27.4 Dongguan Ritec Sealing Technology FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.27.5 Dongguan Ritec Sealing Technology Recent Developments/Updates

10.27.6 Dongguan Ritec Sealing Technology Competitive Strengths & Weaknesses

10.28 Ningbo Sunshine Sealing Technology

10.28.1 Ningbo Sunshine Sealing Technology Details

10.28.2 Ningbo Sunshine Sealing Technology Major Business

10.28.3 Ningbo Sunshine Sealing Technology FFKM O-Rings and Seals Product and Services

10.28.4 Ningbo Sunshine Sealing Technology FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.28.5 Ningbo Sunshine Sealing Technology Recent Developments/Updates

10.28.6 Ningbo Sunshine Sealing Technology Competitive Strengths & Weaknesses

10.29 Xiamen Xlong Seal

10.29.1 Xiamen Xlong Seal Details

10.29.2 Xiamen Xlong Seal Major Business

10.29.3 Xiamen Xlong Seal FFKM O-Rings and Seals Product and Services

10.29.4 Xiamen Xlong Seal FFKM O-Rings and Seals Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.29.5 Xiamen Xlong Seal Recent Developments/Updates

10.29.6 Xiamen Xlong Seal Competitive Strengths & Weaknesses

11 INDUSTRY CHAIN ANALYSIS

11.1 FFKM O-Rings and Seals Industry Chain

11.2 FFKM O-Rings and Seals Upstream Analysis

11.2.1 FFKM O-Rings and Seals Core Raw Materials

11.2.2 Main Manufacturers of FFKM O-Rings and Seals Core Raw Materials

11.3 Midstream Analysis

11.4 Downstream Analysis

11.5 FFKM O-Rings and Seals Production Mode

11.6 FFKM O-Rings and Seals Procurement Model

11.7 FFKM O-Rings and Seals Industry Sales Model and Sales Channels

11.7.1 FFKM O-Rings and Seals Sales Model

11.7.2 FFKM O-Rings and Seals Typical Distributors

12 RESEARCH FINDINGS AND CONCLUSION

13 APPENDIX

13.1 Methodology

13.2 Research Process and Data Source

13.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World FFKM O-Rings and Seals Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World FFKM O-Rings and Seals Production Value by Region (2021-2026) & (USD Million)

Table 3. World FFKM O-Rings and Seals Production Value by Region (2027-2032) & (USD Million)

Table 4. World FFKM O-Rings and Seals Production Value Market Share by Region (2021-2026)

Table 5. World FFKM O-Rings and Seals Production Value Market Share by Region (2027-2032)

Table 6. World FFKM O-Rings and Seals Production by Region (2021-2026) & (k Pcs)

Table 7. World FFKM O-Rings and Seals Production by Region (2027-2032) & (k Pcs)

Table 8. World FFKM O-Rings and Seals Production Market Share by Region (2021-2026)

Table 9. World FFKM O-Rings and Seals Production Market Share by Region (2027-2032)

Table 10. World FFKM O-Rings and Seals Average Price by Region (2021-2026) & (USD/Pcs)

Table 11. World FFKM O-Rings and Seals Average Price by Region (2027-2032) & (USD/Pcs)

Table 12. FFKM O-Rings and Seals Major Market Trends

Table 13. World FFKM O-Rings and Seals Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (k Pcs)

Table 14. World FFKM O-Rings and Seals Consumption by Region (2021-2026) & (k Pcs)

Table 15. World FFKM O-Rings and Seals Consumption Forecast by Region (2027-2032) & (k Pcs)

Table 16. World FFKM O-Rings and Seals Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key FFKM O-Rings and Seals Producers in 2025

Table 18. World FFKM O-Rings and Seals Production by Manufacturer (2021-2026) & (k Pcs)

Table 19. Production Market Share of Key FFKM O-Rings and Seals Producers in 2025

Table 20. World FFKM O-Rings and Seals Average Price by Manufacturer (2021-2026)

& (USD/Pcs)

Table 21. Global FFKM O-Rings and Seals Company Evaluation Quadrant

Table 22. World FFKM O-Rings and Seals Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and FFKM O-Rings and Seals Production Site of Key Manufacturer

Table 24. FFKM O-Rings and Seals Market: Company Product Type Footprint

Table 25. FFKM O-Rings and Seals Market: Company Product Application Footprint

Table 26. FFKM O-Rings and Seals Competitive Factors

Table 27. FFKM O-Rings and Seals New Entrant and Capacity Expansion Plans

Table 28. FFKM O-Rings and Seals Mergers & Acquisitions Activity

Table 29. United States VS China FFKM O-Rings and Seals Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China FFKM O-Rings and Seals Production Comparison, (2021 & 2025 & 2032) & (k Pcs)

Table 31. United States VS China FFKM O-Rings and Seals Consumption Comparison, (2021 & 2025 & 2032) & (k Pcs)

Table 32. United States Based FFKM O-Rings and Seals Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers FFKM O-Rings and Seals Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers FFKM O-Rings and Seals Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers FFKM O-Rings and Seals Production (2021-2026) & (k Pcs)

Table 36. United States Based Manufacturers FFKM O-Rings and Seals Production Market Share (2021-2026)

Table 37. China Based FFKM O-Rings and Seals Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers FFKM O-Rings and Seals Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers FFKM O-Rings and Seals Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers FFKM O-Rings and Seals Production, (2021-2026) & (k Pcs)

Table 41. China Based Manufacturers FFKM O-Rings and Seals Production Market Share (2021-2026)

Table 42. Rest of World Based FFKM O-Rings and Seals Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers FFKM O-Rings and Seals Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers FFKM O-Rings and Seals Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers FFKM O-Rings and Seals Production, (2021-2026) & (k Pcs)

Table 46. Rest of World Based Manufacturers FFKM O-Rings and Seals Production Market Share (2021-2026)

Table 47. World FFKM O-Rings and Seals Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World FFKM O-Rings and Seals Production by Type (2021-2026) & (k Pcs)

Table 49. World FFKM O-Rings and Seals Production by Type (2027-2032) & (k Pcs)

Table 50. World FFKM O-Rings and Seals Production Value by Type (2021-2026) & (USD Million)

Table 51. World FFKM O-Rings and Seals Production Value by Type (2027-2032) & (USD Million)

Table 52. World FFKM O-Rings and Seals Average Price by Type (2021-2026) & (USD/Pcs)

Table 53. World FFKM O-Rings and Seals Average Price by Type (2027-2032) & (USD/Pcs)

Table 54. World FFKM O-Rings and Seals Production Value by Operating Temperature, (USD Million), 2021 & 2025 & 2032

Table 55. World FFKM O-Rings and Seals Production by Operating Temperature (2021-2026) & (k Pcs)

Table 56. World FFKM O-Rings and Seals Production by Operating Temperature (2027-2032) & (k Pcs)

Table 57. World FFKM O-Rings and Seals Production Value by Operating Temperature (2021-2026) & (USD Million)

Table 58. World FFKM O-Rings and Seals Production Value by Operating Temperature (2027-2032) & (USD Million)

Table 59. World FFKM O-Rings and Seals Average Price by Operating Temperature (2021-2026) & (USD/Pcs)

Table 60. World FFKM O-Rings and Seals Average Price by Operating Temperature (2027-2032) & (USD/Pcs)

Table 61. World FFKM O-Rings and Seals Production Value by Grade, (USD Million), 2021 & 2025 & 2032

Table 62. World FFKM O-Rings and Seals Production by Grade (2021-2026) & (k Pcs)

Table 63. World FFKM O-Rings and Seals Production by Grade (2027-2032) & (k Pcs)

Table 64. World FFKM O-Rings and Seals Production Value by Grade (2021-2026) &

(USD Million)

Table 65. World FFKM O-Rings and Seals Production Value by Grade (2027-2032) & (USD Million)

Table 66. World FFKM O-Rings and Seals Average Price by Grade (2021-2026) & (USD/Pcs)

Table 67. World FFKM O-Rings and Seals Average Price by Grade (2027-2032) & (USD/Pcs)

Table 68. World FFKM O-Rings and Seals Production Value by Inner Diameter (ID), (USD Million), 2021 & 2025 & 2032

Table 69. World FFKM O-Rings and Seals Production by Inner Diameter (ID) (2021-2026) & (k Pcs)

Table 70. World FFKM O-Rings and Seals Production by Inner Diameter (ID) (2027-2032) & (k Pcs)

Table 71. World FFKM O-Rings and Seals Production Value by Inner Diameter (ID) (2021-2026) & (USD Million)

Table 72. World FFKM O-Rings and Seals Production Value by Inner Diameter (ID) (2027-2032) & (USD Million)

Table 73. World FFKM O-Rings and Seals Average Price by Inner Diameter (ID) (2021-2026) & (USD/Pcs)

Table 74. World FFKM O-Rings and Seals Average Price by Inner Diameter (ID) (2027-2032) & (USD/Pcs)

Table 75. World FFKM O-Rings and Seals Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 76. World FFKM O-Rings and Seals Production by Application (2021-2026) & (k Pcs)

Table 77. World FFKM O-Rings and Seals Production by Application (2027-2032) & (k Pcs)

Table 78. World FFKM O-Rings and Seals Production Value by Application (2021-2026) & (USD Million)

Table 79. World FFKM O-Rings and Seals Production Value by Application (2027-2032) & (USD Million)

Table 80. World FFKM O-Rings and Seals Average Price by Application (2021-2026) & (USD/Pcs)

Table 81. World FFKM O-Rings and Seals Average Price by Application (2027-2032) & (USD/Pcs)

Table 82. Qnity Electronics (formerly DuPont Electronics) Basic Information, Manufacturing Base and Competitors

Table 83. Qnity Electronics (formerly DuPont Electronics) Major Business

Table 84. Qnity Electronics (formerly DuPont Electronics) FFKM O-Rings and Seals

Product and Services

Table 85. Qnity Electronics (formerly DuPont Electronics) FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 86. Qnity Electronics (formerly DuPont Electronics) Recent Developments/Updates

Table 87. Qnity Electronics (formerly DuPont Electronics) Competitive Strengths & Weaknesses

Table 88. NOK Corporation Basic Information, Manufacturing Base and Competitors

Table 89. NOK Corporation Major Business

Table 90. NOK Corporation FFKM O-Rings and Seals Product and Services

Table 91. NOK Corporation FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 92. NOK Corporation Recent Developments/Updates

Table 93. NOK Corporation Competitive Strengths & Weaknesses

Table 94. Trelleborg Basic Information, Manufacturing Base and Competitors

Table 95. Trelleborg Major Business

Table 96. Trelleborg FFKM O-Rings and Seals Product and Services

Table 97. Trelleborg FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 98. Trelleborg Recent Developments/Updates

Table 99. Trelleborg Competitive Strengths & Weaknesses

Table 100. VALQUA Basic Information, Manufacturing Base and Competitors

Table 101. VALQUA Major Business

Table 102. VALQUA FFKM O-Rings and Seals Product and Services

Table 103. VALQUA FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 104. VALQUA Recent Developments/Updates

Table 105. VALQUA Competitive Strengths & Weaknesses

Table 106. Parker Hannifin Basic Information, Manufacturing Base and Competitors

Table 107. Parker Hannifin Major Business

Table 108. Parker Hannifin FFKM O-Rings and Seals Product and Services

Table 109. Parker Hannifin FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 110. Parker Hannifin Recent Developments/Updates

Table 111. Parker Hannifin Competitive Strengths & Weaknesses

Table 112. Daikin Basic Information, Manufacturing Base and Competitors

Table 113. Daikin Major Business

Table 114. Daikin FFKM O-Rings and Seals Product and Services

Table 115. Daikin FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 116. Daikin Recent Developments/Updates

Table 117. Daikin Competitive Strengths & Weaknesses

Table 118. Freudenberg Basic Information, Manufacturing Base and Competitors

Table 119. Freudenberg Major Business

Table 120. Freudenberg FFKM O-Rings and Seals Product and Services

Table 121. Freudenberg FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 122. Freudenberg Recent Developments/Updates

Table 123. Freudenberg Competitive Strengths & Weaknesses

Table 124. Greene Tweed Basic Information, Manufacturing Base and Competitors

Table 125. Greene Tweed Major Business

Table 126. Greene Tweed FFKM O-Rings and Seals Product and Services

Table 127. Greene Tweed FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 128. Greene Tweed Recent Developments/Updates

Table 129. Greene Tweed Competitive Strengths & Weaknesses

Table 130. Air Water Mach Basic Information, Manufacturing Base and Competitors

Table 131. Air Water Mach Major Business

Table 132. Air Water Mach FFKM O-Rings and Seals Product and Services

Table 133. Air Water Mach FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 134. Air Water Mach Recent Developments/Updates

Table 135. Air Water Mach Competitive Strengths & Weaknesses

Table 136. Maxmold Polymer Basic Information, Manufacturing Base and Competitors

Table 137. Maxmold Polymer Major Business

Table 138. Maxmold Polymer FFKM O-Rings and Seals Product and Services

Table 139. Maxmold Polymer FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 140. Maxmold Polymer Recent Developments/Updates

Table 141. Maxmold Polymer Competitive Strengths & Weaknesses

Table 142. GMORS Basic Information, Manufacturing Base and Competitors

Table 143. GMORS Major Business

Table 144. GMORS FFKM O-Rings and Seals Product and Services

Table 145. GMORS FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 146. GMORS Recent Developments/Updates

Table 147. GMORS Competitive Strengths & Weaknesses

Table 148. EKK Basic Information, Manufacturing Base and Competitors

Table 149. EKK Major Business

Table 150. EKK FFKM O-Rings and Seals Product and Services

Table 151. EKK FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 152. EKK Recent Developments/Updates

Table 153. EKK Competitive Strengths & Weaknesses

Table 154. Shanghai Xinmi Technology (IC Seal) Basic Information, Manufacturing Base and Competitors

Table 155. Shanghai Xinmi Technology (IC Seal) Major Business

Table 156. Shanghai Xinmi Technology (IC Seal) FFKM O-Rings and Seals Product and Services

Table 157. Shanghai Xinmi Technology (IC Seal) FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 158. Shanghai Xinmi Technology (IC Seal) Recent Developments/Updates

Table 159. Shanghai Xinmi Technology (IC Seal) Competitive Strengths & Weaknesses

Table 160. Precision Polymer Engineering (PPE) (IDEX) Basic Information, Manufacturing Base and Competitors

Table 161. Precision Polymer Engineering (PPE) (IDEX) Major Business

Table 162. Precision Polymer Engineering (PPE) (IDEX) FFKM O-Rings and Seals Product and Services

Table 163. Precision Polymer Engineering (PPE) (IDEX) FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 164. Precision Polymer Engineering (PPE) (IDEX) Recent Developments/Updates

Table 165. Precision Polymer Engineering (PPE) (IDEX) Competitive Strengths & Weaknesses

Table 166. TRP Polymer Solutions Basic Information, Manufacturing Base and Competitors

Table 167. TRP Polymer Solutions Major Business

Table 168. TRP Polymer Solutions FFKM O-Rings and Seals Product and Services

Table 169. TRP Polymer Solutions FFKM O-Rings and Seals Production (k Pcs), Price

(USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 170. TRP Polymer Solutions Recent Developments/Updates

Table 171. TRP Polymer Solutions Competitive Strengths & Weaknesses

Table 172. MFC Sealing Technology Basic Information, Manufacturing Base and Competitors

Table 173. MFC Sealing Technology Major Business

Table 174. MFC Sealing Technology FFKM O-Rings and Seals Product and Services

Table 175. MFC Sealing Technology FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 176. MFC Sealing Technology Recent Developments/Updates

Table 177. MFC Sealing Technology Competitive Strengths & Weaknesses

Table 178. Ceetak Basic Information, Manufacturing Base and Competitors

Table 179. Ceetak Major Business

Table 180. Ceetak FFKM O-Rings and Seals Product and Services

Table 181. Ceetak FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 182. Ceetak Recent Developments/Updates

Table 183. Ceetak Competitive Strengths & Weaknesses

Table 184. Boilpeak Seals Technology (Jiangsu) Basic Information, Manufacturing Base and Competitors

Table 185. Boilpeak Seals Technology (Jiangsu) Major Business

Table 186. Boilpeak Seals Technology (Jiangsu) FFKM O-Rings and Seals Product and Services

Table 187. Boilpeak Seals Technology (Jiangsu) FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 188. Boilpeak Seals Technology (Jiangsu) Recent Developments/Updates

Table 189. Boilpeak Seals Technology (Jiangsu) Competitive Strengths & Weaknesses

Table 190. Sakura Seal Basic Information, Manufacturing Base and Competitors

Table 191. Sakura Seal Major Business

Table 192. Sakura Seal FFKM O-Rings and Seals Product and Services

Table 193. Sakura Seal FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 194. Sakura Seal Recent Developments/Updates

Table 195. Sakura Seal Competitive Strengths & Weaknesses

Table 196. Yoson Seals Basic Information, Manufacturing Base and Competitors

Table 197. Yoson Seals Major Business

Table 198. Yoson Seals FFKM O-Rings and Seals Product and Services
Table 199. Yoson Seals FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 200. Yoson Seals Recent Developments/Updates
Table 201. Yoson Seals Competitive Strengths & Weaknesses
Table 202. M.C.M. S.p.A. (Angst+Pfister) Basic Information, Manufacturing Base and Competitors
Table 203. M.C.M. S.p.A. (Angst+Pfister) Major Business
Table 204. M.C.M. S.p.A. (Angst+Pfister) FFKM O-Rings and Seals Product and Services
Table 205. M.C.M. S.p.A. (Angst+Pfister) FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 206. M.C.M. S.p.A. (Angst+Pfister) Recent Developments/Updates
Table 207. M.C.M. S.p.A. (Angst+Pfister) Competitive Strengths & Weaknesses
Table 208. Shenzhen HAO-O Basic Information, Manufacturing Base and Competitors
Table 209. Shenzhen HAO-O Major Business
Table 210. Shenzhen HAO-O FFKM O-Rings and Seals Product and Services
Table 211. Shenzhen HAO-O FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 212. Shenzhen HAO-O Recent Developments/Updates
Table 213. Shenzhen HAO-O Competitive Strengths & Weaknesses
Table 214. KTseal Basic Information, Manufacturing Base and Competitors
Table 215. KTseal Major Business
Table 216. KTseal FFKM O-Rings and Seals Product and Services
Table 217. KTseal FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 218. KTseal Recent Developments/Updates
Table 219. KTseal Competitive Strengths & Weaknesses
Table 220. Highlight Technology Corporation (Htc Vacuum) Basic Information, Manufacturing Base and Competitors
Table 221. Highlight Technology Corporation (Htc Vacuum) Major Business
Table 222. Highlight Technology Corporation (Htc Vacuum) FFKM O-Rings and Seals Product and Services
Table 223. Highlight Technology Corporation (Htc Vacuum) FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 224. Highlight Technology Corporation (Htc Vacuum) Recent

Developments/Updates

Table 225. Highlight Technology Corporation (Htc Vacuum) Competitive Strengths & Weaknesses

Table 226. Sigma Seals & Gaskets Basic Information, Manufacturing Base and Competitors

Table 227. Sigma Seals & Gaskets Major Business

Table 228. Sigma Seals & Gaskets FFKM O-Rings and Seals Product and Services

Table 229. Sigma Seals & Gaskets FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 230. Sigma Seals & Gaskets Recent Developments/Updates

Table 231. Sigma Seals & Gaskets Competitive Strengths & Weaknesses

Table 232. Gapi Basic Information, Manufacturing Base and Competitors

Table 233. Gapi Major Business

Table 234. Gapi FFKM O-Rings and Seals Product and Services

Table 235. Gapi FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 236. Gapi Recent Developments/Updates

Table 237. Gapi Competitive Strengths & Weaknesses

Table 238. Dongguan Ritec Sealing Technology Basic Information, Manufacturing Base and Competitors

Table 239. Dongguan Ritec Sealing Technology Major Business

Table 240. Dongguan Ritec Sealing Technology FFKM O-Rings and Seals Product and Services

Table 241. Dongguan Ritec Sealing Technology FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 242. Dongguan Ritec Sealing Technology Recent Developments/Updates

Table 243. Dongguan Ritec Sealing Technology Competitive Strengths & Weaknesses

Table 244. Ningbo Sunshine Sealing Technology Basic Information, Manufacturing Base and Competitors

Table 245. Ningbo Sunshine Sealing Technology Major Business

Table 246. Ningbo Sunshine Sealing Technology FFKM O-Rings and Seals Product and Services

Table 247. Ningbo Sunshine Sealing Technology FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 248. Ningbo Sunshine Sealing Technology Recent Developments/Updates

Table 249. Ningbo Sunshine Sealing Technology Competitive Strengths & Weaknesses

Table 250. Xiamen Xlong Seal Basic Information, Manufacturing Base and Competitors

Table 251. Xiamen Xlong Seal Major Business

Table 252. Xiamen Xlong Seal FFKM O-Rings and Seals Product and Services

Table 253. Xiamen Xlong Seal FFKM O-Rings and Seals Production (k Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 254. Xiamen Xlong Seal Recent Developments/Updates

Table 255. Xiamen Xlong Seal Competitive Strengths & Weaknesses

Table 256. Global Key Players of FFKM O-Rings and Seals Upstream (Raw Materials)

Table 257. Global FFKM O-Rings and Seals Typical Customers

Table 258. FFKM O-Rings and Seals Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. FFKM O-Rings and Seals Picture

Figure 2. World FFKM O-Rings and Seals Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World FFKM O-Rings and Seals Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World FFKM O-Rings and Seals Production (2021-2032) & (k Pcs)

Figure 5. World FFKM O-Rings and Seals Average Price (2021-2032) & (USD/Pcs)

Figure 6. World FFKM O-Rings and Seals Production Value Market Share by Region (2021-2032)

Figure 7. World FFKM O-Rings and Seals Production Market Share by Region (2021-2032)

Figure 8. North America FFKM O-Rings and Seals Production (2021-2032) & (k Pcs)

Figure 9. Europe FFKM O-Rings and Seals Production (2021-2032) & (k Pcs)

Figure 10. China FFKM O-Rings and Seals Production (2021-2032) & (k Pcs)

Figure 11. Japan FFKM O-Rings and Seals Production (2021-2032) & (k Pcs)

Figure 12. Taiwan FFKM O-Rings and Seals Production (2021-2032) & (k Pcs)

Figure 13. South Korea FFKM O-Rings and Seals Production (2021-2032) & (k Pcs)

Figure 14. FFKM O-Rings and Seals Market Drivers

Figure 15. Factors Affecting Demand

Figure 16. World FFKM O-Rings and Seals Consumption (2021-2032) & (k Pcs)

Figure 17. World FFKM O-Rings and Seals Consumption Market Share by Region (2021-2032)

Figure 18. United States FFKM O-Rings and Seals Consumption (2021-2032) & (k Pcs)

Figure 19. China FFKM O-Rings and Seals Consumption (2021-2032) & (k Pcs)

Figure 20. Europe FFKM O-Rings and Seals Consumption (2021-2032) & (k Pcs)

Figure 21. Japan FFKM O-Rings and Seals Consumption (2021-2032) & (k Pcs)

Figure 22. South Korea FFKM O-Rings and Seals Consumption (2021-2032) & (k Pcs)

Figure 23. ASEAN FFKM O-Rings and Seals Consumption (2021-2032) & (k Pcs)

Figure 24. India FFKM O-Rings and Seals Consumption (2021-2032) & (k Pcs)

Figure 25. Producer Shipments of FFKM O-Rings and Seals by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 26. Global Four-firm Concentration Ratios (CR4) for FFKM O-Rings and Seals Markets in 2025

Figure 27. Global Four-firm Concentration Ratios (CR8) for FFKM O-Rings and Seals Markets in 2025

Figure 28. United States VS China: FFKM O-Rings and Seals Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: FFKM O-Rings and Seals Production Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States VS China: FFKM O-Rings and Seals Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 31. United States Based Manufacturers FFKM O-Rings and Seals Production Market Share 2025

Figure 32. China Based Manufacturers FFKM O-Rings and Seals Production Market Share 2025

Figure 33. Rest of World Based Manufacturers FFKM O-Rings and Seals Production Market Share 2025

Figure 34. World FFKM O-Rings and Seals Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 35. World FFKM O-Rings and Seals Production Value Market Share by Type in 2025

Figure 36. O-Ring

Figure 37. V-Ring

Figure 38. Gasket

Figure 39. Other Seals

Figure 40. World FFKM O-Rings and Seals Production Market Share by Type (2021-2032)

Figure 41. World FFKM O-Rings and Seals Production Value Market Share by Type (2021-2032)

Figure 42. World FFKM O-Rings and Seals Average Price by Type (2021-2032) & (USD/Pcs)

Figure 43. World FFKM O-Rings and Seals Production Value by Operating Temperature, (USD Million), 2021 & 2025 & 2032

Figure 44. World FFKM O-Rings and Seals Production Value Market Share by Operating Temperature in 2025

Figure 45. High Temperature (below 300°C)

Figure 46. Extreme High Temperature (above 300°C)

Figure 47. World FFKM O-Rings and Seals Production Market Share by Operating Temperature (2021-2032)

Figure 48. World FFKM O-Rings and Seals Production Value Market Share by Operating Temperature (2021-2032)

Figure 49. World FFKM O-Rings and Seals Average Price by Operating Temperature (2021-2032) & (USD/Pcs)

Figure 50. World FFKM O-Rings and Seals Production Value by Grade, (USD Million),

2021 & 2025 & 2032

Figure 51. World FFKM O-Rings and Seals Production Value Market Share by Grade in 2025

Figure 52. Semiconductor Grade

Figure 53. Industrial Grade

Figure 54. World FFKM O-Rings and Seals Production Market Share by Grade (2021-2032)

Figure 55. World FFKM O-Rings and Seals Production Value Market Share by Grade (2021-2032)

Figure 56. World FFKM O-Rings and Seals Average Price by Grade (2021-2032) & (USD/Pcs)

Figure 57. World FFKM O-Rings and Seals Production Value by Inner Diameter (ID), (USD Million), 2021 & 2025 & 2032

Figure 58. World FFKM O-Rings and Seals Production Value Market Share by Inner Diameter (ID) in 2025

Figure 59. Below 10 mm

Figure 60. 10-100 mm

Figure 61. Above 100 mm

Figure 62. World FFKM O-Rings and Seals Production Market Share by Inner Diameter (ID) (2021-2032)

Figure 63. World FFKM O-Rings and Seals Production Value Market Share by Inner Diameter (ID) (2021-2032)

Figure 64. World FFKM O-Rings and Seals Average Price by Inner Diameter (ID) (2021-2032) & (USD/Pcs)

Figure 65. World FFKM O-Rings and Seals Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 66. World FFKM O-Rings and Seals Production Value Market Share by Application in 2025

Figure 67. Semiconductor

Figure 68. Chemical

Figure 69. Oil and Gas

Figure 70. Pharmaceutical

Figure 71. Aerospace

Figure 72. Others

Figure 73. World FFKM O-Rings and Seals Production Market Share by Application (2021-2032)

Figure 74. World FFKM O-Rings and Seals Production Value Market Share by Application (2021-2032)

Figure 75. World FFKM O-Rings and Seals Average Price by Application (2021-2032) &

(USD/Pcs)

Figure 76. FFKM O-Rings and Seals Industry Chain

Figure 77. FFKM O-Rings and Seals Procurement Model

Figure 78. FFKM O-Rings and Seals Sales Model

Figure 79. FFKM O-Rings and Seals Sales Channels, Direct Sales, and Distribution

Figure 80. Methodology

Figure 81. Research Process and Data Source

I would like to order

Product name: Global FFKM O-Rings and Seals Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GCCC1369A488EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GCCC1369A488EN.html>