

Global Semiconductor Sealing O-rings Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G9EAA672531FEN.html>

Date: May 2026

Pages: 193

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

ID: G9EAA672531FEN

Abstracts

The global Semiconductor Sealing O-rings market size is expected to reach \$ 2409 million by 2032, rising at a market growth of 9.5% CAGR during the forecast period (2026-2032).

Semiconductor Sealing O-rings are not generic rubber parts; they are critical functional materials embedded deep in wafer-fab equipment architecture. In commercial terms, Semiconductor Sealing O-rings sit at the intersection of contamination control, uptime management, preventive maintenance cadence, chamber reliability, and process qualification. Their role extends far beyond leak prevention: they must deliver ultra-high cleanliness, low particle generation, low trace-metal contribution, resistance to aggressive wet chemistries, endurance in plasma environments, thermal stability, and low compression set over long service windows. For equipment makers and fabs, the purchasing logic is therefore anchored in yield stability and total cost of ownership rather than nominal piece price.

The supplier landscape is led by platform players, but the tail remains commercially relevant. Leadership in Semiconductor Sealing O-rings is built on compound formulation libraries, clean manufacturing discipline, process know-how, application engineering, field failure analysis, and the ability to qualify across multiple OEM and fab platforms globally. Alongside the first-tier vendors, Freudenberg, Daikin, GMORS, Maxmold Polymer, Air Water Mach, Precision Polymer Engineering (PPE) (IDEX), Greene Tweed, Saint-Gobain, and a group of regionally focused players remain active in specific process windows and customer clusters. The ?Others? category still represented 18.2% of global volume in 2025, which confirms that the market retains room for challengers. However, entry into the higher-value layers of Semiconductor Sealing O-rings remains constrained by qualification history and process credibility

rather than molding capability alone.

Regional demand is overwhelmingly centered in Asia-Pacific, and that center of gravity is still moving eastward. Asia-Pacific represented 10,068.3 thousand units in 2025, or 74.9% of global demand, far ahead of Europe at 11.5% and North America at 11.1%. By 2032, Asia-Pacific is expected to reach 77.8% of global demand, supported by a 2026-2032 CAGR of 9.58%, the highest among major regions. This structure aligns with broader semiconductor investment patterns: SEMI expects front-end fab equipment spending to reach US\$110 billion in 2025 and US\$130 billion in 2026, while 18 new fabs are expected to begin construction in 2025; at the same time, domestic semiconductor investment in the United States continues to accelerate, reinforcing a multi-regional manufacturing footprint. For Semiconductor Sealing O-rings, this means the business model is becoming more regionalized and service-intensive, with local engineering support, dual sourcing, and delivery resilience becoming purchasing requirements rather than optional differentiators.

Material mix remains the single clearest indicator of where value accrues. In 2025, FFKM represented 4,526.1 thousand units, or 33.7% of total volume, but generated US\$823.97 million, or 72.3% of market revenue, implying an average selling price of roughly US\$182 per unit. FKM accounted for 28.5% of volume, FVMQ for 16.3%, and VMQ for 10.7%, creating a layered market structure from premium to more cost-optimized process positions. Combined, FFKM and FKM contributed 62.2% of global volume and 86.5% of total revenue. That split confirms that the commercial center of Semiconductor Sealing O-rings remains tied to high-purity, chemically resistant, and plasma-durable materials. As contamination thresholds tighten and process windows become harsher, premium FFKM is moving from a selective specification to a default requirement in a broader set of critical chamber positions.

Application mix also shows that demand is not evenly distributed; it is skewed toward dry-process intensity. In 2025, Plasma Process was the largest application at 5,430.2 thousand units, or 40.4% of total volume. Thermal Process represented 32.7% of volume but generated 37.9% of revenue, with an average selling price of about US\$98.5 per unit, above Plasma Process at US\$78.3 per unit, highlighting the premium attached to high-reliability, high-temperature, long-life sealing positions. Wet Chemical Process remained a solid 16.5% of volume, supported by cleaning and chemical-processing steps. The broader industry backdrop reinforces this mix: advanced process capacity is projected to expand at a 14% CAGR from 2025 to 2028, 2nm is expected to enter mass production in 2026, and AI-driven demand is already lifting advanced epitaxial wafers and polished wafers for HBM-related applications. In practice, that

means future Semiconductor Sealing O-rings demand will be driven not only by new fab starts, but also by more demanding maintenance cycles, tighter material specifications, and more intensive qualification regimes on advanced tools.

This report studies the global Semiconductor Sealing O-rings production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Semiconductor Sealing O-rings 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 Semiconductor Sealing O-rings that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Semiconductor Sealing O-rings total production and demand, 2021-2032, (K Pcs)

Global Semiconductor Sealing O-rings total production value, 2021-2032, (USD Million)

Global Semiconductor Sealing O-rings production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Pcs), (based on production site)

Global Semiconductor Sealing O-rings consumption by region & country, CAGR, 2021-2032 & (K Pcs)

U.S. VS China: Semiconductor Sealing O-rings domestic production, consumption, key domestic manufacturers and share

Global Semiconductor Sealing O-rings production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Pcs)

Global Semiconductor Sealing O-rings production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Pcs)

Global Semiconductor Sealing O-rings production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Pcs)

This report profiles key players in the global Semiconductor Sealing O-rings 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, Saint-Gobain, 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 Semiconductor Sealing O-rings market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Pcs) and average price (US\$/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 Semiconductor Sealing O-rings Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Semiconductor Sealing O-rings Market, Segmentation by Type:

FFKM

FKM

FVMQ

VMQ

Others

Global Semiconductor Sealing O-rings Market, Segmentation by Temperature Resistance:

High Temperature

Extreme High Temperature

Global Semiconductor Sealing O-rings Market, Segmentation by Cleanliness Grade:

High Purity

Ultra-high Purity

Global Semiconductor Sealing O-rings Market, Segmentation by Application:

Thermal Process

Plasma Process

Wet Chemical Process

Others

Companies Profiled:

Qnity Electronics (formerly DuPont Electronics)

NOK Corporation

Trelleborg

VALQUA

Parker Hannifin

Daikin

Freudenberg

Saint-Gobain

Air Water Mach

Maxmold Polymer

GMORS

Precision Polymer Engineering (PPE) (IDEX)

TRP Polymer Solutions

Greene Tweed

MFC Sealing Technology

Northern Engineering Sheffield (NES) (Integrated Polymer Solutions)

Ceetak

Technetics (EnPro)

Boilpeak Seals Technology (Jiangsu)

Sakura Seal

Yoson Seals

EKK

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

M-Cor Inc

Shenzhen HAO-O

KTseal

Vulcan Seals

Shanghai Xinmi Technology (IC Seal)

Highlight Technology Corporation (Htc Vacuum)

Sonkit Industry

Key Questions Answered:

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

Contents

1 SUPPLY SUMMARY

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

2 DEMAND SUMMARY

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

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Semiconductor Sealing O-rings Production Value by Manufacturer (2021-2026)
- 3.2 World Semiconductor Sealing O-rings Production by Manufacturer (2021-2026)
- 3.3 World Semiconductor Sealing O-rings Average Price by Manufacturer (2021-2026)
- 3.4 Semiconductor Sealing O-rings Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Semiconductor Sealing O-rings Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Semiconductor Sealing O-rings in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Semiconductor Sealing O-rings in 2025
- 3.6 Semiconductor Sealing O-rings Market: Overall Company Footprint Analysis
 - 3.6.1 Semiconductor Sealing O-rings Market: Region Footprint
 - 3.6.2 Semiconductor Sealing O-rings Market: Company Product Type Footprint
 - 3.6.3 Semiconductor Sealing O-rings 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: Semiconductor Sealing O-rings Production Value Comparison
 - 4.1.1 United States VS China: Semiconductor Sealing O-rings Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Semiconductor Sealing O-rings Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Semiconductor Sealing O-rings Production Comparison
 - 4.2.1 United States VS China: Semiconductor Sealing O-rings Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Semiconductor Sealing O-rings Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Semiconductor Sealing O-rings Consumption Comparison
 - 4.3.1 United States VS China: Semiconductor Sealing O-rings Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Semiconductor Sealing O-rings Consumption Market

Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Semiconductor Sealing O-rings Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Semiconductor Sealing O-rings Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Semiconductor Sealing O-rings Production Value (2021-2026)

4.4.3 United States Based Manufacturers Semiconductor Sealing O-rings Production (2021-2026)

4.5 China Based Semiconductor Sealing O-rings Manufacturers and Market Share

4.5.1 China Based Semiconductor Sealing O-rings Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Semiconductor Sealing O-rings Production Value (2021-2026)

4.5.3 China Based Manufacturers Semiconductor Sealing O-rings Production (2021-2026)

4.6 Rest of World Based Semiconductor Sealing O-rings Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Semiconductor Sealing O-rings Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Semiconductor Sealing O-rings Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Semiconductor Sealing O-rings Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Semiconductor Sealing O-rings Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 FFKM

5.2.2 FKM

5.2.3 FVMQ

5.2.4 VMQ

5.2.5 Others

5.3 Market Segment by Type

5.3.1 World Semiconductor Sealing O-rings Production by Type (2021-2032)

5.3.2 World Semiconductor Sealing O-rings Production Value by Type (2021-2032)

5.3.3 World Semiconductor Sealing O-rings Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY TEMPERATURE RESISTANCE

6.1 World Semiconductor Sealing O-rings Market Size Overview by Temperature Resistance: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Temperature Resistance

6.2.1 High Temperature

6.2.2 Extreme High Temperature

6.3 Market Segment by Temperature Resistance

6.3.1 World Semiconductor Sealing O-rings Production by Temperature Resistance (2021-2032)

6.3.2 World Semiconductor Sealing O-rings Production Value by Temperature Resistance (2021-2032)

6.3.3 World Semiconductor Sealing O-rings Average Price by Temperature Resistance (2021-2032)

7 MARKET ANALYSIS BY CLEANLINESS GRADE

7.1 World Semiconductor Sealing O-rings Market Size Overview by Cleanliness Grade: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Cleanliness Grade

7.2.1 High Purity

7.2.2 Ultra-high Purity

7.3 Market Segment by Cleanliness Grade

7.3.1 World Semiconductor Sealing O-rings Production by Cleanliness Grade (2021-2032)

7.3.2 World Semiconductor Sealing O-rings Production Value by Cleanliness Grade (2021-2032)

7.3.3 World Semiconductor Sealing O-rings Average Price by Cleanliness Grade (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Semiconductor Sealing O-rings Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Thermal Process

8.2.2 Plasma Process

8.2.3 Wet Chemical Process

8.2.4 Others

8.3 Market Segment by Application

8.3.1 World Semiconductor Sealing O-rings Production by Application (2021-2032)

8.3.2 World Semiconductor Sealing O-rings Production Value by Application (2021-2032)

8.3.3 World Semiconductor Sealing O-rings Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Qnity Electronics (formerly DuPont Electronics)

9.1.1 Qnity Electronics (formerly DuPont Electronics) Details

9.1.2 Qnity Electronics (formerly DuPont Electronics) Major Business

9.1.3 Qnity Electronics (formerly DuPont Electronics) Semiconductor Sealing O-rings Product and Services

9.1.4 Qnity Electronics (formerly DuPont Electronics) Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)

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

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

9.2 NOK Corporation

9.2.1 NOK Corporation Details

9.2.2 NOK Corporation Major Business

9.2.3 NOK Corporation Semiconductor Sealing O-rings Product and Services

9.2.4 NOK Corporation Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 NOK Corporation Recent Developments/Updates

9.2.6 NOK Corporation Competitive Strengths & Weaknesses

9.3 Trelleborg

9.3.1 Trelleborg Details

9.3.2 Trelleborg Major Business

9.3.3 Trelleborg Semiconductor Sealing O-rings Product and Services

9.3.4 Trelleborg Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Trelleborg Recent Developments/Updates

9.3.6 Trelleborg Competitive Strengths & Weaknesses

9.4 VALQUA

9.4.1 VALQUA Details

9.4.2 VALQUA Major Business

9.4.3 VALQUA Semiconductor Sealing O-rings Product and Services

9.4.4 VALQUA Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 VALQUA Recent Developments/Updates

9.4.6 VALQUA Competitive Strengths & Weaknesses

9.5 Parker Hannifin

9.5.1 Parker Hannifin Details

9.5.2 Parker Hannifin Major Business

9.5.3 Parker Hannifin Semiconductor Sealing O-rings Product and Services

9.5.4 Parker Hannifin Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 Parker Hannifin Recent Developments/Updates

9.5.6 Parker Hannifin Competitive Strengths & Weaknesses

9.6 Daikin

9.6.1 Daikin Details

9.6.2 Daikin Major Business

9.6.3 Daikin Semiconductor Sealing O-rings Product and Services

9.6.4 Daikin Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Daikin Recent Developments/Updates

9.6.6 Daikin Competitive Strengths & Weaknesses

9.7 Freudenberg

9.7.1 Freudenberg Details

9.7.2 Freudenberg Major Business

9.7.3 Freudenberg Semiconductor Sealing O-rings Product and Services

9.7.4 Freudenberg Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 Freudenberg Recent Developments/Updates

9.7.6 Freudenberg Competitive Strengths & Weaknesses

9.8 Saint-Gobain

9.8.1 Saint-Gobain Details

9.8.2 Saint-Gobain Major Business

9.8.3 Saint-Gobain Semiconductor Sealing O-rings Product and Services

9.8.4 Saint-Gobain Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 Saint-Gobain Recent Developments/Updates

9.8.6 Saint-Gobain Competitive Strengths & Weaknesses

9.9 Air Water Mach

9.9.1 Air Water Mach Details

9.9.2 Air Water Mach Major Business

- 9.9.3 Air Water Mach Semiconductor Sealing O-rings Product and Services
- 9.9.4 Air Water Mach Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.9.5 Air Water Mach Recent Developments/Updates
- 9.9.6 Air Water Mach Competitive Strengths & Weaknesses
- 9.10 Maxmold Polymer
 - 9.10.1 Maxmold Polymer Details
 - 9.10.2 Maxmold Polymer Major Business
 - 9.10.3 Maxmold Polymer Semiconductor Sealing O-rings Product and Services
 - 9.10.4 Maxmold Polymer Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.10.5 Maxmold Polymer Recent Developments/Updates
 - 9.10.6 Maxmold Polymer Competitive Strengths & Weaknesses
- 9.11 GMORS
 - 9.11.1 GMORS Details
 - 9.11.2 GMORS Major Business
 - 9.11.3 GMORS Semiconductor Sealing O-rings Product and Services
 - 9.11.4 GMORS Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.11.5 GMORS Recent Developments/Updates
 - 9.11.6 GMORS Competitive Strengths & Weaknesses
- 9.12 Precision Polymer Engineering (PPE) (IDEX)
 - 9.12.1 Precision Polymer Engineering (PPE) (IDEX) Details
 - 9.12.2 Precision Polymer Engineering (PPE) (IDEX) Major Business
 - 9.12.3 Precision Polymer Engineering (PPE) (IDEX) Semiconductor Sealing O-rings Product and Services
 - 9.12.4 Precision Polymer Engineering (PPE) (IDEX) Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.12.5 Precision Polymer Engineering (PPE) (IDEX) Recent Developments/Updates
 - 9.12.6 Precision Polymer Engineering (PPE) (IDEX) Competitive Strengths & Weaknesses
- 9.13 TRP Polymer Solutions
 - 9.13.1 TRP Polymer Solutions Details
 - 9.13.2 TRP Polymer Solutions Major Business
 - 9.13.3 TRP Polymer Solutions Semiconductor Sealing O-rings Product and Services
 - 9.13.4 TRP Polymer Solutions Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.13.5 TRP Polymer Solutions Recent Developments/Updates
 - 9.13.6 TRP Polymer Solutions Competitive Strengths & Weaknesses

- 9.14 Greene Tweed
 - 9.14.1 Greene Tweed Details
 - 9.14.2 Greene Tweed Major Business
 - 9.14.3 Greene Tweed Semiconductor Sealing O-rings Product and Services
 - 9.14.4 Greene Tweed Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.14.5 Greene Tweed Recent Developments/Updates
 - 9.14.6 Greene Tweed Competitive Strengths & Weaknesses
- 9.15 MFC Sealing Technology
 - 9.15.1 MFC Sealing Technology Details
 - 9.15.2 MFC Sealing Technology Major Business
 - 9.15.3 MFC Sealing Technology Semiconductor Sealing O-rings Product and Services
 - 9.15.4 MFC Sealing Technology Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.15.5 MFC Sealing Technology Recent Developments/Updates
 - 9.15.6 MFC Sealing Technology Competitive Strengths & Weaknesses
- 9.16 Northern Engineering Sheffield (NES) (Integrated Polymer Solutions)
 - 9.16.1 Northern Engineering Sheffield (NES) (Integrated Polymer Solutions) Details
 - 9.16.2 Northern Engineering Sheffield (NES) (Integrated Polymer Solutions) Major Business
 - 9.16.3 Northern Engineering Sheffield (NES) (Integrated Polymer Solutions) Semiconductor Sealing O-rings Product and Services
 - 9.16.4 Northern Engineering Sheffield (NES) (Integrated Polymer Solutions) Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.16.5 Northern Engineering Sheffield (NES) (Integrated Polymer Solutions) Recent Developments/Updates
 - 9.16.6 Northern Engineering Sheffield (NES) (Integrated Polymer Solutions) Competitive Strengths & Weaknesses
- 9.17 Ceetak
 - 9.17.1 Ceetak Details
 - 9.17.2 Ceetak Major Business
 - 9.17.3 Ceetak Semiconductor Sealing O-rings Product and Services
 - 9.17.4 Ceetak Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.17.5 Ceetak Recent Developments/Updates
 - 9.17.6 Ceetak Competitive Strengths & Weaknesses
- 9.18 Technetics (EnPro)
 - 9.18.1 Technetics (EnPro) Details

- 9.18.2 Technetics (EnPro) Major Business
- 9.18.3 Technetics (EnPro) Semiconductor Sealing O-rings Product and Services
- 9.18.4 Technetics (EnPro) Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.18.5 Technetics (EnPro) Recent Developments/Updates
- 9.18.6 Technetics (EnPro) Competitive Strengths & Weaknesses
- 9.19 Boilpeak Seals Technology (Jiangsu)
 - 9.19.1 Boilpeak Seals Technology (Jiangsu) Details
 - 9.19.2 Boilpeak Seals Technology (Jiangsu) Major Business
 - 9.19.3 Boilpeak Seals Technology (Jiangsu) Semiconductor Sealing O-rings Product and Services
 - 9.19.4 Boilpeak Seals Technology (Jiangsu) Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.19.5 Boilpeak Seals Technology (Jiangsu) Recent Developments/Updates
 - 9.19.6 Boilpeak Seals Technology (Jiangsu) Competitive Strengths & Weaknesses
- 9.20 Sakura Seal
 - 9.20.1 Sakura Seal Details
 - 9.20.2 Sakura Seal Major Business
 - 9.20.3 Sakura Seal Semiconductor Sealing O-rings Product and Services
 - 9.20.4 Sakura Seal Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.20.5 Sakura Seal Recent Developments/Updates
 - 9.20.6 Sakura Seal Competitive Strengths & Weaknesses
- 9.21 Yoson Seals
 - 9.21.1 Yoson Seals Details
 - 9.21.2 Yoson Seals Major Business
 - 9.21.3 Yoson Seals Semiconductor Sealing O-rings Product and Services
 - 9.21.4 Yoson Seals Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.21.5 Yoson Seals Recent Developments/Updates
 - 9.21.6 Yoson Seals Competitive Strengths & Weaknesses
- 9.22 EKK
 - 9.22.1 EKK Details
 - 9.22.2 EKK Major Business
 - 9.22.3 EKK Semiconductor Sealing O-rings Product and Services
 - 9.22.4 EKK Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.22.5 EKK Recent Developments/Updates
 - 9.22.6 EKK Competitive Strengths & Weaknesses

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

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

9.23.2 M.C.M. S.p.A. (Angst+Pfister) Major Business

9.23.3 M.C.M. S.p.A. (Angst+Pfister) Semiconductor Sealing O-rings Product and Services

9.23.4 M.C.M. S.p.A. (Angst+Pfister) Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.23.5 M.C.M. S.p.A. (Angst+Pfister) Recent Developments/Updates

9.23.6 M.C.M. S.p.A. (Angst+Pfister) Competitive Strengths & Weaknesses

9.24 M-Cor Inc

9.24.1 M-Cor Inc Details

9.24.2 M-Cor Inc Major Business

9.24.3 M-Cor Inc Semiconductor Sealing O-rings Product and Services

9.24.4 M-Cor Inc Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.24.5 M-Cor Inc Recent Developments/Updates

9.24.6 M-Cor Inc Competitive Strengths & Weaknesses

9.25 Shenzhen HAO-O

9.25.1 Shenzhen HAO-O Details

9.25.2 Shenzhen HAO-O Major Business

9.25.3 Shenzhen HAO-O Semiconductor Sealing O-rings Product and Services

9.25.4 Shenzhen HAO-O Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.25.5 Shenzhen HAO-O Recent Developments/Updates

9.25.6 Shenzhen HAO-O Competitive Strengths & Weaknesses

9.26 KTseal

9.26.1 KTseal Details

9.26.2 KTseal Major Business

9.26.3 KTseal Semiconductor Sealing O-rings Product and Services

9.26.4 KTseal Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.26.5 KTseal Recent Developments/Updates

9.26.6 KTseal Competitive Strengths & Weaknesses

9.27 Vulcan Seals

9.27.1 Vulcan Seals Details

9.27.2 Vulcan Seals Major Business

9.27.3 Vulcan Seals Semiconductor Sealing O-rings Product and Services

9.27.4 Vulcan Seals Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)

- 9.27.5 Vulcan Seals Recent Developments/Updates
- 9.27.6 Vulcan Seals Competitive Strengths & Weaknesses
- 9.28 Shanghai Xinmi Technology (IC Seal)
 - 9.28.1 Shanghai Xinmi Technology (IC Seal) Details
 - 9.28.2 Shanghai Xinmi Technology (IC Seal) Major Business
 - 9.28.3 Shanghai Xinmi Technology (IC Seal) Semiconductor Sealing O-rings Product and Services
 - 9.28.4 Shanghai Xinmi Technology (IC Seal) Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.28.5 Shanghai Xinmi Technology (IC Seal) Recent Developments/Updates
 - 9.28.6 Shanghai Xinmi Technology (IC Seal) Competitive Strengths & Weaknesses
- 9.29 Highlight Technology Corporation (Htc Vacuum)
 - 9.29.1 Highlight Technology Corporation (Htc Vacuum) Details
 - 9.29.2 Highlight Technology Corporation (Htc Vacuum) Major Business
 - 9.29.3 Highlight Technology Corporation (Htc Vacuum) Semiconductor Sealing O-rings Product and Services
 - 9.29.4 Highlight Technology Corporation (Htc Vacuum) Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.29.5 Highlight Technology Corporation (Htc Vacuum) Recent Developments/Updates
 - 9.29.6 Highlight Technology Corporation (Htc Vacuum) Competitive Strengths & Weaknesses
- 9.30 Sonkit Industry
 - 9.30.1 Sonkit Industry Details
 - 9.30.2 Sonkit Industry Major Business
 - 9.30.3 Sonkit Industry Semiconductor Sealing O-rings Product and Services
 - 9.30.4 Sonkit Industry Semiconductor Sealing O-rings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.30.5 Sonkit Industry Recent Developments/Updates
 - 9.30.6 Sonkit Industry Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

- 10.1 Semiconductor Sealing O-rings Industry Chain
- 10.2 Semiconductor Sealing O-rings Upstream Analysis
 - 10.2.1 Semiconductor Sealing O-rings Core Raw Materials
 - 10.2.2 Main Manufacturers of Semiconductor Sealing O-rings Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 Semiconductor Sealing O-rings Production Mode

10.6 Semiconductor Sealing O-rings Procurement Model

10.7 Semiconductor Sealing O-rings Industry Sales Model and Sales Channels

10.7.1 Semiconductor Sealing O-rings Sales Model

10.7.2 Semiconductor Sealing O-rings Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Semiconductor Sealing O-rings Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Semiconductor Sealing O-rings Production Value by Region (2021-2026) & (USD Million)

Table 3. World Semiconductor Sealing O-rings Production Value by Region (2027-2032) & (USD Million)

Table 4. World Semiconductor Sealing O-rings Production Value Market Share by Region (2021-2026)

Table 5. World Semiconductor Sealing O-rings Production Value Market Share by Region (2027-2032)

Table 6. World Semiconductor Sealing O-rings Production by Region (2021-2026) & (K Pcs)

Table 7. World Semiconductor Sealing O-rings Production by Region (2027-2032) & (K Pcs)

Table 8. World Semiconductor Sealing O-rings Production Market Share by Region (2021-2026)

Table 9. World Semiconductor Sealing O-rings Production Market Share by Region (2027-2032)

Table 10. World Semiconductor Sealing O-rings Average Price by Region (2021-2026) & (US\$/Pcs)

Table 11. World Semiconductor Sealing O-rings Average Price by Region (2027-2032) & (US\$/Pcs)

Table 12. Semiconductor Sealing O-rings Major Market Trends

Table 13. World Semiconductor Sealing O-rings Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Pcs)

Table 14. World Semiconductor Sealing O-rings Consumption by Region (2021-2026) & (K Pcs)

Table 15. World Semiconductor Sealing O-rings Consumption Forecast by Region (2027-2032) & (K Pcs)

Table 16. World Semiconductor Sealing O-rings Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Semiconductor Sealing O-rings Producers in 2025

Table 18. World Semiconductor Sealing O-rings Production by Manufacturer (2021-2026) & (K Pcs)

Table 19. Production Market Share of Key Semiconductor Sealing O-rings Producers in 2025

Table 20. World Semiconductor Sealing O-rings Average Price by Manufacturer (2021-2026) & (US\$/Pcs)

Table 21. Global Semiconductor Sealing O-rings Company Evaluation Quadrant

Table 22. World Semiconductor Sealing O-rings Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Semiconductor Sealing O-rings Production Site of Key Manufacturer

Table 24. Semiconductor Sealing O-rings Market: Company Product Type Footprint

Table 25. Semiconductor Sealing O-rings Market: Company Product Application Footprint

Table 26. Semiconductor Sealing O-rings Competitive Factors

Table 27. Semiconductor Sealing O-rings New Entrant and Capacity Expansion Plans

Table 28. Semiconductor Sealing O-rings Mergers & Acquisitions Activity

Table 29. United States VS China Semiconductor Sealing O-rings Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Semiconductor Sealing O-rings Production Comparison, (2021 & 2025 & 2032) & (K Pcs)

Table 31. United States VS China Semiconductor Sealing O-rings Consumption Comparison, (2021 & 2025 & 2032) & (K Pcs)

Table 32. United States Based Semiconductor Sealing O-rings Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Semiconductor Sealing O-rings Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Semiconductor Sealing O-rings Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Semiconductor Sealing O-rings Production (2021-2026) & (K Pcs)

Table 36. United States Based Manufacturers Semiconductor Sealing O-rings Production Market Share (2021-2026)

Table 37. China Based Semiconductor Sealing O-rings Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Semiconductor Sealing O-rings Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Semiconductor Sealing O-rings Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Semiconductor Sealing O-rings Production, (2021-2026) & (K Pcs)

Table 41. China Based Manufacturers Semiconductor Sealing O-rings Production Market Share (2021-2026)

Table 42. Rest of World Based Semiconductor Sealing O-rings Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Semiconductor Sealing O-rings Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Semiconductor Sealing O-rings Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Semiconductor Sealing O-rings Production, (2021-2026) & (K Pcs)

Table 46. Rest of World Based Manufacturers Semiconductor Sealing O-rings Production Market Share (2021-2026)

Table 47. World Semiconductor Sealing O-rings Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Semiconductor Sealing O-rings Production by Type (2021-2026) & (K Pcs)

Table 49. World Semiconductor Sealing O-rings Production by Type (2027-2032) & (K Pcs)

Table 50. World Semiconductor Sealing O-rings Production Value by Type (2021-2026) & (USD Million)

Table 51. World Semiconductor Sealing O-rings Production Value by Type (2027-2032) & (USD Million)

Table 52. World Semiconductor Sealing O-rings Average Price by Type (2021-2026) & (US\$/Pcs)

Table 53. World Semiconductor Sealing O-rings Average Price by Type (2027-2032) & (US\$/Pcs)

Table 54. World Semiconductor Sealing O-rings Production Value by Temperature Resistance, (USD Million), 2021 & 2025 & 2032

Table 55. World Semiconductor Sealing O-rings Production by Temperature Resistance (2021-2026) & (K Pcs)

Table 56. World Semiconductor Sealing O-rings Production by Temperature Resistance (2027-2032) & (K Pcs)

Table 57. World Semiconductor Sealing O-rings Production Value by Temperature Resistance (2021-2026) & (USD Million)

Table 58. World Semiconductor Sealing O-rings Production Value by Temperature Resistance (2027-2032) & (USD Million)

Table 59. World Semiconductor Sealing O-rings Average Price by Temperature Resistance (2021-2026) & (US\$/Pcs)

Table 60. World Semiconductor Sealing O-rings Average Price by Temperature

Resistance (2027-2032) & (US\$/Pcs)

Table 61. World Semiconductor Sealing O-rings Production Value by Cleanliness Grade, (USD Million), 2021 & 2025 & 2032

Table 62. World Semiconductor Sealing O-rings Production by Cleanliness Grade (2021-2026) & (K Pcs)

Table 63. World Semiconductor Sealing O-rings Production by Cleanliness Grade (2027-2032) & (K Pcs)

Table 64. World Semiconductor Sealing O-rings Production Value by Cleanliness Grade (2021-2026) & (USD Million)

Table 65. World Semiconductor Sealing O-rings Production Value by Cleanliness Grade (2027-2032) & (USD Million)

Table 66. World Semiconductor Sealing O-rings Average Price by Cleanliness Grade (2021-2026) & (US\$/Pcs)

Table 67. World Semiconductor Sealing O-rings Average Price by Cleanliness Grade (2027-2032) & (US\$/Pcs)

Table 68. World Semiconductor Sealing O-rings Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Semiconductor Sealing O-rings Production by Application (2021-2026) & (K Pcs)

Table 70. World Semiconductor Sealing O-rings Production by Application (2027-2032) & (K Pcs)

Table 71. World Semiconductor Sealing O-rings Production Value by Application (2021-2026) & (USD Million)

Table 72. World Semiconductor Sealing O-rings Production Value by Application (2027-2032) & (USD Million)

Table 73. World Semiconductor Sealing O-rings Average Price by Application (2021-2026) & (US\$/Pcs)

Table 74. World Semiconductor Sealing O-rings Average Price by Application (2027-2032) & (US\$/Pcs)

Table 75. Qnity Electronics (formerly DuPont Electronics) Basic Information, Manufacturing Base and Competitors

Table 76. Qnity Electronics (formerly DuPont Electronics) Major Business

Table 77. Qnity Electronics (formerly DuPont Electronics) Semiconductor Sealing O-rings Product and Services

Table 78. Qnity Electronics (formerly DuPont Electronics) Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Qnity Electronics (formerly DuPont Electronics) Recent Developments/Updates

Table 80. Qnity Electronics (formerly DuPont Electronics) Competitive Strengths & Weaknesses

Table 81. NOK Corporation Basic Information, Manufacturing Base and Competitors

Table 82. NOK Corporation Major Business

Table 83. NOK Corporation Semiconductor Sealing O-rings Product and Services

Table 84. NOK Corporation Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. NOK Corporation Recent Developments/Updates

Table 86. NOK Corporation Competitive Strengths & Weaknesses

Table 87. Trelleborg Basic Information, Manufacturing Base and Competitors

Table 88. Trelleborg Major Business

Table 89. Trelleborg Semiconductor Sealing O-rings Product and Services

Table 90. Trelleborg Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Trelleborg Recent Developments/Updates

Table 92. Trelleborg Competitive Strengths & Weaknesses

Table 93. VALQUA Basic Information, Manufacturing Base and Competitors

Table 94. VALQUA Major Business

Table 95. VALQUA Semiconductor Sealing O-rings Product and Services

Table 96. VALQUA Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. VALQUA Recent Developments/Updates

Table 98. VALQUA Competitive Strengths & Weaknesses

Table 99. Parker Hannifin Basic Information, Manufacturing Base and Competitors

Table 100. Parker Hannifin Major Business

Table 101. Parker Hannifin Semiconductor Sealing O-rings Product and Services

Table 102. Parker Hannifin Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Parker Hannifin Recent Developments/Updates

Table 104. Parker Hannifin Competitive Strengths & Weaknesses

Table 105. Daikin Basic Information, Manufacturing Base and Competitors

Table 106. Daikin Major Business

Table 107. Daikin Semiconductor Sealing O-rings Product and Services

Table 108. Daikin Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

- Table 109. Daikin Recent Developments/Updates
- Table 110. Daikin Competitive Strengths & Weaknesses
- Table 111. Freudenberg Basic Information, Manufacturing Base and Competitors
- Table 112. Freudenberg Major Business
- Table 113. Freudenberg Semiconductor Sealing O-rings Product and Services
- Table 114. Freudenberg Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 115. Freudenberg Recent Developments/Updates
- Table 116. Freudenberg Competitive Strengths & Weaknesses
- Table 117. Saint-Gobain Basic Information, Manufacturing Base and Competitors
- Table 118. Saint-Gobain Major Business
- Table 119. Saint-Gobain Semiconductor Sealing O-rings Product and Services
- Table 120. Saint-Gobain Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 121. Saint-Gobain Recent Developments/Updates
- Table 122. Saint-Gobain Competitive Strengths & Weaknesses
- Table 123. Air Water Mach Basic Information, Manufacturing Base and Competitors
- Table 124. Air Water Mach Major Business
- Table 125. Air Water Mach Semiconductor Sealing O-rings Product and Services
- Table 126. Air Water Mach Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 127. Air Water Mach Recent Developments/Updates
- Table 128. Air Water Mach Competitive Strengths & Weaknesses
- Table 129. Maxmold Polymer Basic Information, Manufacturing Base and Competitors
- Table 130. Maxmold Polymer Major Business
- Table 131. Maxmold Polymer Semiconductor Sealing O-rings Product and Services
- Table 132. Maxmold Polymer Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 133. Maxmold Polymer Recent Developments/Updates
- Table 134. Maxmold Polymer Competitive Strengths & Weaknesses
- Table 135. GMORS Basic Information, Manufacturing Base and Competitors
- Table 136. GMORS Major Business
- Table 137. GMORS Semiconductor Sealing O-rings Product and Services
- Table 138. GMORS Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share

(2021-2026)

Table 139. GMORS Recent Developments/Updates

Table 140. GMORS Competitive Strengths & Weaknesses

Table 141. Precision Polymer Engineering (PPE) (IDEX) Basic Information, Manufacturing Base and Competitors

Table 142. Precision Polymer Engineering (PPE) (IDEX) Major Business

Table 143. Precision Polymer Engineering (PPE) (IDEX) Semiconductor Sealing O-rings Product and Services

Table 144. Precision Polymer Engineering (PPE) (IDEX) Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. Precision Polymer Engineering (PPE) (IDEX) Recent Developments/Updates

Table 146. Precision Polymer Engineering (PPE) (IDEX) Competitive Strengths & Weaknesses

Table 147. TRP Polymer Solutions Basic Information, Manufacturing Base and Competitors

Table 148. TRP Polymer Solutions Major Business

Table 149. TRP Polymer Solutions Semiconductor Sealing O-rings Product and Services

Table 150. TRP Polymer Solutions Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. TRP Polymer Solutions Recent Developments/Updates

Table 152. TRP Polymer Solutions Competitive Strengths & Weaknesses

Table 153. Greene Tweed Basic Information, Manufacturing Base and Competitors

Table 154. Greene Tweed Major Business

Table 155. Greene Tweed Semiconductor Sealing O-rings Product and Services

Table 156. Greene Tweed Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. Greene Tweed Recent Developments/Updates

Table 158. Greene Tweed Competitive Strengths & Weaknesses

Table 159. MFC Sealing Technology Basic Information, Manufacturing Base and Competitors

Table 160. MFC Sealing Technology Major Business

Table 161. MFC Sealing Technology Semiconductor Sealing O-rings Product and Services

Table 162. MFC Sealing Technology Semiconductor Sealing O-rings Production (K

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

Table 163. MFC Sealing Technology Recent Developments/Updates

Table 164. MFC Sealing Technology Competitive Strengths & Weaknesses

Table 165. Northern Engineering Sheffield (NES) (Integrated Polymer Solutions) Basic Information, Manufacturing Base and Competitors

Table 166. Northern Engineering Sheffield (NES) (Integrated Polymer Solutions) Major Business

Table 167. Northern Engineering Sheffield (NES) (Integrated Polymer Solutions) Semiconductor Sealing O-rings Product and Services

Table 168. Northern Engineering Sheffield (NES) (Integrated Polymer Solutions) Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 169. Northern Engineering Sheffield (NES) (Integrated Polymer Solutions) Recent Developments/Updates

Table 170. Northern Engineering Sheffield (NES) (Integrated Polymer Solutions) Competitive Strengths & Weaknesses

Table 171. Ceetak Basic Information, Manufacturing Base and Competitors

Table 172. Ceetak Major Business

Table 173. Ceetak Semiconductor Sealing O-rings Product and Services

Table 174. Ceetak Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 175. Ceetak Recent Developments/Updates

Table 176. Ceetak Competitive Strengths & Weaknesses

Table 177. Technetics (EnPro) Basic Information, Manufacturing Base and Competitors

Table 178. Technetics (EnPro) Major Business

Table 179. Technetics (EnPro) Semiconductor Sealing O-rings Product and Services

Table 180. Technetics (EnPro) Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 181. Technetics (EnPro) Recent Developments/Updates

Table 182. Technetics (EnPro) Competitive Strengths & Weaknesses

Table 183. Boilpeak Seals Technology (Jiangsu) Basic Information, Manufacturing Base and Competitors

Table 184. Boilpeak Seals Technology (Jiangsu) Major Business

Table 185. Boilpeak Seals Technology (Jiangsu) Semiconductor Sealing O-rings Product and Services

Table 186. Boilpeak Seals Technology (Jiangsu) Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and

Market Share (2021-2026)

Table 187. Boilpeak Seals Technology (Jiangsu) Recent Developments/Updates

Table 188. Boilpeak Seals Technology (Jiangsu) Competitive Strengths & Weaknesses

Table 189. Sakura Seal Basic Information, Manufacturing Base and Competitors

Table 190. Sakura Seal Major Business

Table 191. Sakura Seal Semiconductor Sealing O-rings Product and Services

Table 192. Sakura Seal Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 193. Sakura Seal Recent Developments/Updates

Table 194. Sakura Seal Competitive Strengths & Weaknesses

Table 195. Yoson Seals Basic Information, Manufacturing Base and Competitors

Table 196. Yoson Seals Major Business

Table 197. Yoson Seals Semiconductor Sealing O-rings Product and Services

Table 198. Yoson Seals Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 199. Yoson Seals Recent Developments/Updates

Table 200. Yoson Seals Competitive Strengths & Weaknesses

Table 201. EKK Basic Information, Manufacturing Base and Competitors

Table 202. EKK Major Business

Table 203. EKK Semiconductor Sealing O-rings Product and Services

Table 204. EKK Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 205. EKK Recent Developments/Updates

Table 206. EKK Competitive Strengths & Weaknesses

Table 207. M.C.M. S.p.A. (Angst+Pfister) Basic Information, Manufacturing Base and Competitors

Table 208. M.C.M. S.p.A. (Angst+Pfister) Major Business

Table 209. M.C.M. S.p.A. (Angst+Pfister) Semiconductor Sealing O-rings Product and Services

Table 210. M.C.M. S.p.A. (Angst+Pfister) Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 211. M.C.M. S.p.A. (Angst+Pfister) Recent Developments/Updates

Table 212. M.C.M. S.p.A. (Angst+Pfister) Competitive Strengths & Weaknesses

Table 213. M-Cor Inc Basic Information, Manufacturing Base and Competitors

Table 214. M-Cor Inc Major Business

Table 215. M-Cor Inc Semiconductor Sealing O-rings Product and Services

Table 216. M-Cor Inc Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 217. M-Cor Inc Recent Developments/Updates

Table 218. M-Cor Inc Competitive Strengths & Weaknesses

Table 219. Shenzhen HAO-O Basic Information, Manufacturing Base and Competitors

Table 220. Shenzhen HAO-O Major Business

Table 221. Shenzhen HAO-O Semiconductor Sealing O-rings Product and Services

Table 222. Shenzhen HAO-O Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 223. Shenzhen HAO-O Recent Developments/Updates

Table 224. Shenzhen HAO-O Competitive Strengths & Weaknesses

Table 225. KTseal Basic Information, Manufacturing Base and Competitors

Table 226. KTseal Major Business

Table 227. KTseal Semiconductor Sealing O-rings Product and Services

Table 228. KTseal Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 229. KTseal Recent Developments/Updates

Table 230. KTseal Competitive Strengths & Weaknesses

Table 231. Vulcan Seals Basic Information, Manufacturing Base and Competitors

Table 232. Vulcan Seals Major Business

Table 233. Vulcan Seals Semiconductor Sealing O-rings Product and Services

Table 234. Vulcan Seals Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 235. Vulcan Seals Recent Developments/Updates

Table 236. Vulcan Seals Competitive Strengths & Weaknesses

Table 237. Shanghai Xinmi Technology (IC Seal) Basic Information, Manufacturing Base and Competitors

Table 238. Shanghai Xinmi Technology (IC Seal) Major Business

Table 239. Shanghai Xinmi Technology (IC Seal) Semiconductor Sealing O-rings Product and Services

Table 240. Shanghai Xinmi Technology (IC Seal) Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 241. Shanghai Xinmi Technology (IC Seal) Recent Developments/Updates

Table 242. Shanghai Xinmi Technology (IC Seal) Competitive Strengths & Weaknesses

Table 243. Highlight Technology Corporation (Htc Vacuum) Basic Information,

Manufacturing Base and Competitors

Table 244. Highlight Technology Corporation (Htc Vacuum) Major Business

Table 245. Highlight Technology Corporation (Htc Vacuum) Semiconductor Sealing O-rings Product and Services

Table 246. Highlight Technology Corporation (Htc Vacuum) Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 247. Highlight Technology Corporation (Htc Vacuum) Recent Developments/Updates

Table 248. Highlight Technology Corporation (Htc Vacuum) Competitive Strengths & Weaknesses

Table 249. Sonkit Industry Basic Information, Manufacturing Base and Competitors

Table 250. Sonkit Industry Major Business

Table 251. Sonkit Industry Semiconductor Sealing O-rings Product and Services

Table 252. Sonkit Industry Semiconductor Sealing O-rings Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 253. Sonkit Industry Recent Developments/Updates

Table 254. Sonkit Industry Competitive Strengths & Weaknesses

Table 255. Global Key Players of Semiconductor Sealing O-rings Upstream (Raw Materials)

Table 256. Global Semiconductor Sealing O-rings Typical Customers

Table 257. Semiconductor Sealing O-rings Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Semiconductor Sealing O-rings Picture

Figure 2. World Semiconductor Sealing O-rings Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Semiconductor Sealing O-rings Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Semiconductor Sealing O-rings Production (2021-2032) & (K Pcs)

Figure 5. World Semiconductor Sealing O-rings Average Price (2021-2032) & (US\$/Pcs)

Figure 6. World Semiconductor Sealing O-rings Production Value Market Share by Region (2021-2032)

Figure 7. World Semiconductor Sealing O-rings Production Market Share by Region (2021-2032)

Figure 8. North America Semiconductor Sealing O-rings Production (2021-2032) & (K Pcs)

Figure 9. Europe Semiconductor Sealing O-rings Production (2021-2032) & (K Pcs)

Figure 10. China Semiconductor Sealing O-rings Production (2021-2032) & (K Pcs)

Figure 11. Japan Semiconductor Sealing O-rings Production (2021-2032) & (K Pcs)

Figure 12. Taiwan Semiconductor Sealing O-rings Production (2021-2032) & (K Pcs)

Figure 13. Semiconductor Sealing O-rings Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Semiconductor Sealing O-rings Consumption (2021-2032) & (K Pcs)

Figure 16. World Semiconductor Sealing O-rings Consumption Market Share by Region (2021-2032)

Figure 17. United States Semiconductor Sealing O-rings Consumption (2021-2032) & (K Pcs)

Figure 18. China Semiconductor Sealing O-rings Consumption (2021-2032) & (K Pcs)

Figure 19. Europe Semiconductor Sealing O-rings Consumption (2021-2032) & (K Pcs)

Figure 20. Japan Semiconductor Sealing O-rings Consumption (2021-2032) & (K Pcs)

Figure 21. South Korea Semiconductor Sealing O-rings Consumption (2021-2032) & (K Pcs)

Figure 22. ASEAN Semiconductor Sealing O-rings Consumption (2021-2032) & (K Pcs)

Figure 23. India Semiconductor Sealing O-rings Consumption (2021-2032) & (K Pcs)

Figure 24. Producer Shipments of Semiconductor Sealing O-rings by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 25. Global Four-firm Concentration Ratios (CR4) for Semiconductor Sealing O-

rings Markets in 2025

Figure 26. Global Four-firm Concentration Ratios (CR8) for Semiconductor Sealing O-rings Markets in 2025

Figure 27. United States VS China: Semiconductor Sealing O-rings Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Semiconductor Sealing O-rings Production Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: Semiconductor Sealing O-rings Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States Based Manufacturers Semiconductor Sealing O-rings Production Market Share 2025

Figure 31. China Based Manufacturers Semiconductor Sealing O-rings Production Market Share 2025

Figure 32. Rest of World Based Manufacturers Semiconductor Sealing O-rings Production Market Share 2025

Figure 33. World Semiconductor Sealing O-rings Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 34. World Semiconductor Sealing O-rings Production Value Market Share by Type in 2025

Figure 35. FFKM

Figure 36. FKM

Figure 37. FVMQ

Figure 38. VMQ

Figure 39. Others

Figure 40. World Semiconductor Sealing O-rings Production Market Share by Type (2021-2032)

Figure 41. World Semiconductor Sealing O-rings Production Value Market Share by Type (2021-2032)

Figure 42. World Semiconductor Sealing O-rings Average Price by Type (2021-2032) & (US\$/Pcs)

Figure 43. World Semiconductor Sealing O-rings Production Value by Temperature Resistance, (USD Million), 2021 & 2025 & 2032

Figure 44. World Semiconductor Sealing O-rings Production Value Market Share by Temperature Resistance in 2025

Figure 45. High Temperature

Figure 46. Extreme High Temperature

Figure 47. World Semiconductor Sealing O-rings Production Market Share by Temperature Resistance (2021-2032)

Figure 48. World Semiconductor Sealing O-rings Production Value Market Share by

Temperature Resistance (2021-2032)

Figure 49. World Semiconductor Sealing O-rings Average Price by Temperature Resistance (2021-2032) & (US\$/Pcs)

Figure 50. World Semiconductor Sealing O-rings Production Value by Cleanliness Grade, (USD Million), 2021 & 2025 & 2032

Figure 51. World Semiconductor Sealing O-rings Production Value Market Share by Cleanliness Grade in 2025

Figure 52. High Purity

Figure 53. Ultra-high Purity

Figure 54. World Semiconductor Sealing O-rings Production Market Share by Cleanliness Grade (2021-2032)

Figure 55. World Semiconductor Sealing O-rings Production Value Market Share by Cleanliness Grade (2021-2032)

Figure 56. World Semiconductor Sealing O-rings Average Price by Cleanliness Grade (2021-2032) & (US\$/Pcs)

Figure 57. World Semiconductor Sealing O-rings Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 58. World Semiconductor Sealing O-rings Production Value Market Share by Application in 2025

Figure 59. Thermal Process

Figure 60. Plasma Process

Figure 61. Wet Chemical Process

Figure 62. Others

Figure 63. World Semiconductor Sealing O-rings Production Market Share by Application (2021-2032)

Figure 64. World Semiconductor Sealing O-rings Production Value Market Share by Application (2021-2032)

Figure 65. World Semiconductor Sealing O-rings Average Price by Application (2021-2032) & (US\$/Pcs)

Figure 66. Semiconductor Sealing O-rings Industry Chain

Figure 67. Semiconductor Sealing O-rings Procurement Model

Figure 68. Semiconductor Sealing O-rings Sales Model

Figure 69. Semiconductor Sealing O-rings Sales Channels, Direct Sales, and Distribution

Figure 70. Methodology

Figure 71. Research Process and Data Source

I would like to order

Product name: Global Semiconductor Sealing O-rings Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G9EAA672531FEN.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/G9EAA672531FEN.html>