+357 96 030922
info@marketpublishers.com

Global Reaction-Bonded Silicon Carbide Seal Ring Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

https://marketpublishers.com/r/GC3DC87ED65BEN.html
Date: September 2026
Pages: 102
Price: US$ 3,480.00 (Single User License)
ID: GC3DC87ED65BEN

Abstracts

According to our (Global Info Research) latest study, the global Reaction-Bonded Silicon Carbide Seal Ring market size was valued at US$ 90.75 million in 2025 and is forecast to a readjusted size of US$ 120 million by 2032 with a CAGR of 4.1% during review period.

Reaction-bonded silicon carbide (RBSC) sealing rings are manufactured by first creating a porous green body from silicon carbide powder, a carbon source, and molding additives. This body undergoes molten silicon infiltration, where free carbon reacts with the silicon to form new silicon carbide; this new material, combined with the original silicon carbide particles and a small amount of residual silicon, creates a dense SiSiC material. The final mechanical seal rotary or stationary rings are produced through diamond grinding, face lapping, and polishing. These products feature high hardness, excellent thermal conductivity, a low coefficient of thermal expansion, wear resistance, and thermal shock resistance, making them suitable for mechanical seals in industrial pumps, reactors, agitators, and pressure screens.

Upstream raw materials primarily include high-purity ?-SiC powder, carbon sources (such as carbon black or graphite), metallic silicon, temporary binders (such as phenolic resin), and processing aids like dispersants, lubricants, and granulation additives; finishing processes require diamond grinding wheels, diamond micropowder, lapping plates, and polishing fluids. The production process typically involves batch mixing, spray granulation, dry pressing or isostatic pressing, debinding, pre-machining, vacuum silicon infiltration, cylindrical grinding, and precision lapping of the sealing face. Downstream, mechanical seal manufacturers assemble these rings with mating rings (made of carbon-graphite, pressureless-sintered silicon carbide, or cemented carbide)

+357 96 030922
info@marketpublishers.com

along with springs, auxiliary seals, and metal housings to create complete mechanical seal assemblies, which are ultimately installed in rotating fluid equipment such as industrial pumps, reactors, and mixing machinery.

In 2025, global sales volume for reaction-bonded silicon carbide sealing rings is approximately 5.5 million units, with ex-factory prices typically ranging from $5 to $30 per unit. Major manufacturers achieve gross profit margins of approximately 28% to 40%.

Report Scope

This report is a detailed and comprehensive analysis for global Reaction-Bonded Silicon Carbide Seal Ring market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Reaction-Bonded Silicon Carbide Seal Ring market size and forecasts, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Reaction-Bonded Silicon Carbide Seal Ring market size and forecasts by region and country, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Reaction-Bonded Silicon Carbide Seal Ring market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Reaction-Bonded Silicon Carbide Seal Ring market shares of main players, shipments in revenue ($ Million), sales quantity (K Units), and ASP (US$/Unit), 2021-2026

+357 96 030922
info@marketpublishers.com

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Reaction-Bonded Silicon Carbide Seal Ring

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Reaction-Bonded Silicon Carbide Seal Ring market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Schunk Carbon Technology, CoorsTek, CeramTec, Carborundum Universal, Vulcan Seals, Ningbo Volken Technology Group, Zhejiang Dongxin New Material Technology, Joint Power Shanghai Seals, Ningbo Donglian Mechanical Seal, etc.

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

Reaction-Bonded Silicon Carbide Seal Ring market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market Segmentation

Market segment by Type

Rotary Ring

Stationary Ring

+357 96 030922
info@marketpublishers.com

Market segment by Cross-sectional Structure

Flat Ring

Stepped Ring

L-shaped Ring

Others

Market segment by Application

Chemical

Water Treatment

Pulp and Paper

Power Generation

Mining and Metallurgy

Other

Major players covered

Schunk Carbon Technology

CoorsTek

CeramTec

Carborundum Universal

Vulcan Seals

+357 96 030922
info@marketpublishers.com

Ningbo Volken Technology Group

Zhejiang Dongxin New Material Technology

Joint Power Shanghai Seals

Ningbo Donglian Mechanical Seal

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

Chapter Outline

Chapter 1, to describe Reaction-Bonded Silicon Carbide Seal Ring product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Reaction-Bonded Silicon Carbide Seal Ring, with price, sales quantity, revenue, and global market share of Reaction-Bonded Silicon Carbide Seal Ring from 2021 to 2026.

Chapter 3, the Reaction-Bonded Silicon Carbide Seal Ring competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Reaction-Bonded Silicon Carbide Seal Ring breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by

+357 96 030922
info@marketpublishers.com

regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026.and Reaction-Bonded Silicon Carbide Seal Ring market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Reaction-Bonded Silicon Carbide Seal Ring.

Chapter 14 and 15, to describe Reaction-Bonded Silicon Carbide Seal Ring sales channel, distributors, customers, research findings and conclusion.

+357 96 030922
info@marketpublishers.com

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope
1.2 Market Estimation Caveats and Base Year
1.3 Market Analysis by Type
  1.3.1 Overview: Global Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Type: 2021 Versus 2025 Versus 2032
  1.3.2 Rotary Ring
  1.3.3 Stationary Ring
1.4 Market Analysis by Cross-sectional Structure
  1.4.1 Overview: Global Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Cross-sectional Structure: 2021 Versus 2025 Versus 2032
  1.4.2 Flat Ring
  1.4.3 Stepped Ring
  1.4.4 L-shaped Ring
  1.4.5 Others
1.5 Market Analysis by Application
  1.5.1 Overview: Global Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Application: 2021 Versus 2025 Versus 2032
  1.5.2 Chemical
  1.5.3 Water Treatment
  1.5.4 Pulp and Paper
  1.5.5 Power Generation
  1.5.6 Mining and Metallurgy
  1.5.7 Other
1.6 Global Reaction-Bonded Silicon Carbide Seal Ring Market Size & Forecast
  1.6.1 Global Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021 & 2025 & 2032)
  1.6.2 Global Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity (2021-2032)
  1.6.3 Global Reaction-Bonded Silicon Carbide Seal Ring Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 Schunk Carbon Technology
  2.1.1 Schunk Carbon Technology Details
  2.1.2 Schunk Carbon Technology Major Business
  2.1.3 Schunk Carbon Technology Reaction-Bonded Silicon Carbide Seal Ring Product

+357 96 030922
info@marketpublishers.com

and Services
2.1.4 Schunk Carbon Technology Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.1.5 Schunk Carbon Technology Recent Developments/Updates
2.2 CoorsTek
2.2.1 CoorsTek Details
2.2.2 CoorsTek Major Business
2.2.3 CoorsTek Reaction-Bonded Silicon Carbide Seal Ring Product and Services
2.2.4 CoorsTek Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.2.5 CoorsTek Recent Developments/Updates
2.3 CeramTec
2.3.1 CeramTec Details
2.3.2 CeramTec Major Business
2.3.3 CeramTec Reaction-Bonded Silicon Carbide Seal Ring Product and Services
2.3.4 CeramTec Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.3.5 CeramTec Recent Developments/Updates
2.4 Carborundum Universal
2.4.1 Carborundum Universal Details
2.4.2 Carborundum Universal Major Business
2.4.3 Carborundum Universal Reaction-Bonded Silicon Carbide Seal Ring Product and Services
2.4.4 Carborundum Universal Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.4.5 Carborundum Universal Recent Developments/Updates
2.5 Vulcan Seals
2.5.1 Vulcan Seals Details
2.5.2 Vulcan Seals Major Business
2.5.3 Vulcan Seals Reaction-Bonded Silicon Carbide Seal Ring Product and Services
2.5.4 Vulcan Seals Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.5.5 Vulcan Seals Recent Developments/Updates
2.6 Ningbo Volken Technology Group
2.6.1 Ningbo Volken Technology Group Details
2.6.2 Ningbo Volken Technology Group Major Business
2.6.3 Ningbo Volken Technology Group Reaction-Bonded Silicon Carbide Seal Ring Product and Services
2.6.4 Ningbo Volken Technology Group Reaction-Bonded Silicon Carbide Seal Ring

+357 96 030922
info@marketpublishers.com

Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.6.5 Ningbo Volken Technology Group Recent Developments/Updates
2.7 Zhejiang Dongxin New Material Technology
2.7.1 Zhejiang Dongxin New Material Technology Details
2.7.2 Zhejiang Dongxin New Material Technology Major Business
2.7.3 Zhejiang Dongxin New Material Technology Reaction-Bonded Silicon Carbide Seal Ring Product and Services
2.7.4 Zhejiang Dongxin New Material Technology Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.7.5 Zhejiang Dongxin New Material Technology Recent Developments/Updates
2.8 Joint Power Shanghai Seals
2.8.1 Joint Power Shanghai Seals Details
2.8.2 Joint Power Shanghai Seals Major Business
2.8.3 Joint Power Shanghai Seals Reaction-Bonded Silicon Carbide Seal Ring Product and Services
2.8.4 Joint Power Shanghai Seals Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.8.5 Joint Power Shanghai Seals Recent Developments/Updates
2.9 Ningbo Donglian Mechanical Seal
2.9.1 Ningbo Donglian Mechanical Seal Details
2.9.2 Ningbo Donglian Mechanical Seal Major Business
2.9.3 Ningbo Donglian Mechanical Seal Reaction-Bonded Silicon Carbide Seal Ring Product and Services
2.9.4 Ningbo Donglian Mechanical Seal Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.9.5 Ningbo Donglian Mechanical Seal Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: REACTION-BONDED SILICON CARBIDE SEAL RING BY MANUFACTURER

3.1 Global Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Manufacturer (2021-2026)
3.2 Global Reaction-Bonded Silicon Carbide Seal Ring Revenue by Manufacturer (2021-2026)
3.3 Global Reaction-Bonded Silicon Carbide Seal Ring Average Price by Manufacturer (2021-2026)
3.4 Market Share Analysis (2025)
3.4.1 Producer Shipments of Reaction-Bonded Silicon Carbide Seal Ring by

+357 96 030922
info@marketpublishers.com

Manufacturer Revenue ($MM) and Market Share (%): 2025
3.4.2 Top 3 Reaction-Bonded Silicon Carbide Seal Ring Manufacturer Market Share in 2025
3.4.3 Top 6 Reaction-Bonded Silicon Carbide Seal Ring Manufacturer Market Share in 2025
3.5 Reaction-Bonded Silicon Carbide Seal Ring Market: Overall Company Footprint Analysis
3.5.1 Reaction-Bonded Silicon Carbide Seal Ring Market: Region Footprint
3.5.2 Reaction-Bonded Silicon Carbide Seal Ring Market: Company Product Type Footprint
3.5.3 Reaction-Bonded Silicon Carbide Seal Ring Market: Company Product Application Footprint
3.6 New Market Entrants and Barriers to Market Entry
3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Reaction-Bonded Silicon Carbide Seal Ring Market Size by Region
4.1.1 Global Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Region (2021-2032)
4.1.2 Global Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Region (2021-2032)
4.1.3 Global Reaction-Bonded Silicon Carbide Seal Ring Average Price by Region (2021-2032)
4.2 North America Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032)
4.3 Europe Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032)
4.4 Asia-Pacific Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032)
4.5 South America Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032)
4.6 Middle East & Africa Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

5.1 Global Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Type (2021-2032)

+357 96 030922
info@marketpublishers.com

5.2 Global Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Type (2021-2032)
5.3 Global Reaction-Bonded Silicon Carbide Seal Ring Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Application (2021-2032)
6.2 Global Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Application (2021-2032)
6.3 Global Reaction-Bonded Silicon Carbide Seal Ring Average Price by Application (2021-2032)

7 NORTH AMERICA

7.1 North America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Type (2021-2032)
7.2 North America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Application (2021-2032)
7.3 North America Reaction-Bonded Silicon Carbide Seal Ring Market Size by Country
  7.3.1 North America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Country (2021-2032)
  7.3.2 North America Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Country (2021-2032)
  7.3.3 United States Market Size and Forecast (2021-2032)
  7.3.4 Canada Market Size and Forecast (2021-2032)
  7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Type (2021-2032)
8.2 Europe Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Application (2021-2032)
8.3 Europe Reaction-Bonded Silicon Carbide Seal Ring Market Size by Country
  8.3.1 Europe Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Country (2021-2032)
  8.3.2 Europe Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by

+357 96 030922
info@marketpublishers.com

Country (2021-2032)
8.3.3 Germany Market Size and Forecast (2021-2032)
8.3.4 France Market Size and Forecast (2021-2032)
8.3.5 United Kingdom Market Size and Forecast (2021-2032)
8.3.6 Russia Market Size and Forecast (2021-2032)
8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Type (2021-2032)
9.2 Asia-Pacific Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Application (2021-2032)
9.3 Asia-Pacific Reaction-Bonded Silicon Carbide Seal Ring Market Size by Region
9.3.1 Asia-Pacific Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Region (2021-2032)
9.3.2 Asia-Pacific Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Region (2021-2032)
9.3.3 China Market Size and Forecast (2021-2032)
9.3.4 Japan Market Size and Forecast (2021-2032)
9.3.5 South Korea Market Size and Forecast (2021-2032)
9.3.6 India Market Size and Forecast (2021-2032)
9.3.7 Southeast Asia Market Size and Forecast (2021-2032)
9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Type (2021-2032)
10.2 South America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Application (2021-2032)
10.3 South America Reaction-Bonded Silicon Carbide Seal Ring Market Size by Country
10.3.1 South America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Country (2021-2032)
10.3.2 South America Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Country (2021-2032)
10.3.3 Brazil Market Size and Forecast (2021-2032)
10.3.4 Argentina Market Size and Forecast (2021-2032)

+357 96 030922
info@marketpublishers.com

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Type (2021-2032)
11.2 Middle East & Africa Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Application (2021-2032)
11.3 Middle East & Africa Reaction-Bonded Silicon Carbide Seal Ring Market Size by Country
  11.3.1 Middle East & Africa Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Country (2021-2032)
  11.3.2 Middle East & Africa Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Country (2021-2032)
  11.3.3 Turkey Market Size and Forecast (2021-2032)
  11.3.4 Egypt Market Size and Forecast (2021-2032)
  11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)
  11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 Reaction-Bonded Silicon Carbide Seal Ring Market Drivers
12.2 Reaction-Bonded Silicon Carbide Seal Ring Market Restraints
12.3 Reaction-Bonded Silicon Carbide Seal Ring Trends Analysis
12.4 Porters Five Forces Analysis
  12.4.1 Threat of New Entrants
  12.4.2 Bargaining Power of Suppliers
  12.4.3 Bargaining Power of Buyers
  12.4.4 Threat of Substitutes
  12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Reaction-Bonded Silicon Carbide Seal Ring and Key Manufacturers
13.2 Manufacturing Costs Percentage of Reaction-Bonded Silicon Carbide Seal Ring
13.3 Reaction-Bonded Silicon Carbide Seal Ring Production Process
13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

+357 96 030922
info@marketpublishers.com

14.1 Sales Channel
14.1.1 Direct to End-User
14.1.2 Distributors
14.2 Reaction-Bonded Silicon Carbide Seal Ring Typical Distributors
14.3 Reaction-Bonded Silicon Carbide Seal Ring Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology
16.2 Research Process and Data Source
16.3 Disclaimer

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. Global Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Type, (USD Million), 2021 & 2025 & 2032
Table 2. Global Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Cross-sectional Structure, (USD Million), 2021 & 2025 & 2032
Table 3. Global Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
Table 4. Schunk Carbon Technology Basic Information, Manufacturing Base and Competitors
Table 5. Schunk Carbon Technology Major Business
Table 6. Schunk Carbon Technology Reaction-Bonded Silicon Carbide Seal Ring Product and Services
Table 7. Schunk Carbon Technology Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity (K Units), Average Price (US$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 8. Schunk Carbon Technology Recent Developments/Updates
Table 9. CoorsTek Basic Information, Manufacturing Base and Competitors
Table 10. CoorsTek Major Business
Table 11. CoorsTek Reaction-Bonded Silicon Carbide Seal Ring Product and Services
Table 12. CoorsTek Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity (K Units), Average Price (US$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 13. CoorsTek Recent Developments/Updates
Table 14. CeramTec Basic Information, Manufacturing Base and Competitors
Table 15. CeramTec Major Business
Table 16. CeramTec Reaction-Bonded Silicon Carbide Seal Ring Product and Services
Table 17. CeramTec Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity (K Units), Average Price (US$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 18. CeramTec Recent Developments/Updates
Table 19. Carborundum Universal Basic Information, Manufacturing Base and Competitors
Table 20. Carborundum Universal Major Business
Table 21. Carborundum Universal Reaction-Bonded Silicon Carbide Seal Ring Product and Services
Table 22. Carborundum Universal Reaction-Bonded Silicon Carbide Seal Ring Sales

+357 96 030922
info@marketpublishers.com

Quantity (K Units), Average Price (US$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 23. Carborundum Universal Recent Developments/Updates
Table 24. Vulcan Seals Basic Information, Manufacturing Base and Competitors
Table 25. Vulcan Seals Major Business
Table 26. Vulcan Seals Reaction-Bonded Silicon Carbide Seal Ring Product and Services
Table 27. Vulcan Seals Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity (K Units), Average Price (US$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 28. Vulcan Seals Recent Developments/Updates
Table 29. Ningbo Volken Technology Group Basic Information, Manufacturing Base and Competitors
Table 30. Ningbo Volken Technology Group Major Business
Table 31. Ningbo Volken Technology Group Reaction-Bonded Silicon Carbide Seal Ring Product and Services
Table 32. Ningbo Volken Technology Group Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity (K Units), Average Price (US$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 33. Ningbo Volken Technology Group Recent Developments/Updates
Table 34. Zhejiang Dongxin New Material Technology Basic Information, Manufacturing Base and Competitors
Table 35. Zhejiang Dongxin New Material Technology Major Business
Table 36. Zhejiang Dongxin New Material Technology Reaction-Bonded Silicon Carbide Seal Ring Product and Services
Table 37. Zhejiang Dongxin New Material Technology Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity (K Units), Average Price (US$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 38. Zhejiang Dongxin New Material Technology Recent Developments/Updates
Table 39. Joint Power Shanghai Seals Basic Information, Manufacturing Base and Competitors
Table 40. Joint Power Shanghai Seals Major Business
Table 41. Joint Power Shanghai Seals Reaction-Bonded Silicon Carbide Seal Ring Product and Services
Table 42. Joint Power Shanghai Seals Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity (K Units), Average Price (US$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 43. Joint Power Shanghai Seals Recent Developments/Updates
Table 44. Ningbo Donglian Mechanical Seal Basic Information, Manufacturing Base and

+357 96 030922
info@marketpublishers.com

Competitors
Table 45. Ningbo Donglian Mechanical Seal Major Business
Table 46. Ningbo Donglian Mechanical Seal Reaction-Bonded Silicon Carbide Seal Ring Product and Services
Table 47. Ningbo Donglian Mechanical Seal Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity (K Units), Average Price (US$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 48. Ningbo Donglian Mechanical Seal Recent Developments/Updates
Table 49. Global Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Manufacturer (2021-2026) & (K Units)
Table 50. Global Reaction-Bonded Silicon Carbide Seal Ring Revenue by Manufacturer (2021-2026) & (USD Million)
Table 51. Global Reaction-Bonded Silicon Carbide Seal Ring Average Price by Manufacturer (2021-2026) & (US$/Unit)
Table 52. Market Position of Manufacturers in Reaction-Bonded Silicon Carbide Seal Ring, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025
Table 53. Head Office and Reaction-Bonded Silicon Carbide Seal Ring Production Site of Key Manufacturer
Table 54. Reaction-Bonded Silicon Carbide Seal Ring Market: Company Product Type Footprint
Table 55. Reaction-Bonded Silicon Carbide Seal Ring Market: Company Product Application Footprint
Table 56. Reaction-Bonded Silicon Carbide Seal Ring New Market Entrants and Barriers to Market Entry
Table 57. Reaction-Bonded Silicon Carbide Seal Ring Mergers, Acquisition, Agreements, and Collaborations
Table 58. Global Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR
Table 59. Global Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Region (2021-2026) & (K Units)
Table 60. Global Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Region (2027-2032) & (K Units)
Table 61. Global Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Region (2021-2026) & (USD Million)
Table 62. Global Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Region (2027-2032) & (USD Million)
Table 63. Global Reaction-Bonded Silicon Carbide Seal Ring Average Price by Region (2021-2026) & (US$/Unit)
Table 64. Global Reaction-Bonded Silicon Carbide Seal Ring Average Price by Region

+357 96 030922
info@marketpublishers.com

(2027-2032) & (US$/Unit)
Table 65. Global Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Type (2021-2026) & (K Units)
Table 66. Global Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Type (2027-2032) & (K Units)
Table 67. Global Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Type (2021-2026) & (USD Million)
Table 68. Global Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Type (2027-2032) & (USD Million)
Table 69. Global Reaction-Bonded Silicon Carbide Seal Ring Average Price by Type (2021-2026) & (US$/Unit)
Table 70. Global Reaction-Bonded Silicon Carbide Seal Ring Average Price by Type (2027-2032) & (US$/Unit)
Table 71. Global Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Application (2021-2026) & (K Units)
Table 72. Global Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Application (2027-2032) & (K Units)
Table 73. Global Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Application (2021-2026) & (USD Million)
Table 74. Global Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Application (2027-2032) & (USD Million)
Table 75. Global Reaction-Bonded Silicon Carbide Seal Ring Average Price by Application (2021-2026) & (US$/Unit)
Table 76. Global Reaction-Bonded Silicon Carbide Seal Ring Average Price by Application (2027-2032) & (US$/Unit)
Table 77. North America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Type (2021-2026) & (K Units)
Table 78. North America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Type (2027-2032) & (K Units)
Table 79. North America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Application (2021-2026) & (K Units)
Table 80. North America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Application (2027-2032) & (K Units)
Table 81. North America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Country (2021-2026) & (K Units)
Table 82. North America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Country (2027-2032) & (K Units)
Table 83. North America Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Country (2021-2026) & (USD Million)

+357 96 030922
info@marketpublishers.com

Table 84. North America Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Country (2027-2032) & (USD Million)
Table 85. Europe Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Type (2021-2026) & (K Units)
Table 86. Europe Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Type (2027-2032) & (K Units)
Table 87. Europe Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Application (2021-2026) & (K Units)
Table 88. Europe Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Application (2027-2032) & (K Units)
Table 89. Europe Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Country (2021-2026) & (K Units)
Table 90. Europe Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Country (2027-2032) & (K Units)
Table 91. Europe Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Country (2021-2026) & (USD Million)
Table 92. Europe Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Country (2027-2032) & (USD Million)
Table 93. Asia-Pacific Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Type (2021-2026) & (K Units)
Table 94. Asia-Pacific Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Type (2027-2032) & (K Units)
Table 95. Asia-Pacific Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Application (2021-2026) & (K Units)
Table 96. Asia-Pacific Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Application (2027-2032) & (K Units)
Table 97. Asia-Pacific Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Region (2021-2026) & (K Units)
Table 98. Asia-Pacific Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Region (2027-2032) & (K Units)
Table 99. Asia-Pacific Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Region (2021-2026) & (USD Million)
Table 100. Asia-Pacific Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Region (2027-2032) & (USD Million)
Table 101. South America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Type (2021-2026) & (K Units)
Table 102. South America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Type (2027-2032) & (K Units)
Table 103. South America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity

+357 96 030922
info@marketpublishers.com

by Application (2021-2026) & (K Units)
Table 104. South America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Application (2027-2032) & (K Units)
Table 105. South America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Country (2021-2026) & (K Units)
Table 106. South America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Country (2027-2032) & (K Units)
Table 107. South America Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Country (2021-2026) & (USD Million)
Table 108. South America Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Country (2027-2032) & (USD Million)
Table 109. Middle East & Africa Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Type (2021-2026) & (K Units)
Table 110. Middle East & Africa Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Type (2027-2032) & (K Units)
Table 111. Middle East & Africa Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Application (2021-2026) & (K Units)
Table 112. Middle East & Africa Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Application (2027-2032) & (K Units)
Table 113. Middle East & Africa Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Country (2021-2026) & (K Units)
Table 114. Middle East & Africa Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity by Country (2027-2032) & (K Units)
Table 115. Middle East & Africa Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Country (2021-2026) & (USD Million)
Table 116. Middle East & Africa Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Country (2027-2032) & (USD Million)
Table 117. Reaction-Bonded Silicon Carbide Seal Ring Raw Material
Table 118. Key Manufacturers of Reaction-Bonded Silicon Carbide Seal Ring Raw Materials
Table 119. Reaction-Bonded Silicon Carbide Seal Ring Typical Distributors
Table 120. Reaction-Bonded Silicon Carbide Seal Ring Typical Customers

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Reaction-Bonded Silicon Carbide Seal Ring Picture
Figure 2. Global Reaction-Bonded Silicon Carbide Seal Ring Revenue by Type, (USD Million), 2021 & 2025 & 2032
Figure 3. Global Reaction-Bonded Silicon Carbide Seal Ring Revenue Market Share by Type in 2025
Figure 4. Rotary Ring Examples
Figure 5. Stationary Ring Examples
Figure 6. Global Reaction-Bonded Silicon Carbide Seal Ring Revenue by Cross-sectional Structure, (USD Million), 2021 & 2025 & 2032
Figure 7. Global Reaction-Bonded Silicon Carbide Seal Ring Revenue Market Share by Cross-sectional Structure in 2025
Figure 8. Flat Ring Examples
Figure 9. Stepped Ring Examples
Figure 10. L-shaped Ring Examples
Figure 11. Others Examples
Figure 12. Global Reaction-Bonded Silicon Carbide Seal Ring Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
Figure 13. Global Reaction-Bonded Silicon Carbide Seal Ring Revenue Market Share by Application in 2025
Figure 14. Chemical Examples
Figure 15. Water Treatment Examples
Figure 16. Pulp and Paper Examples
Figure 17. Power Generation Examples
Figure 18. Mining and Metallurgy Examples
Figure 19. Other Examples
Figure 20. Global Reaction-Bonded Silicon Carbide Seal Ring Consumption Value, (USD Million): 2021 & 2025 & 2032
Figure 21. Global Reaction-Bonded Silicon Carbide Seal Ring Consumption Value and Forecast (2021-2032) & (USD Million)
Figure 22. Global Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity (2021-2032) & (K Units)
Figure 23. Global Reaction-Bonded Silicon Carbide Seal Ring Price (2021-2032) & (US$/Unit)
Figure 24. Global Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity Market Share by Manufacturer in 2025

+357 96 030922
info@marketpublishers.com

Figure 25. Global Reaction-Bonded Silicon Carbide Seal Ring Revenue Market Share by Manufacturer in 2025
Figure 26. Producer Shipments of Reaction-Bonded Silicon Carbide Seal Ring by Manufacturer Sales ($MM) and Market Share (%): 2025
Figure 27. Top 3 Reaction-Bonded Silicon Carbide Seal Ring Manufacturer (Revenue) Market Share in 2025
Figure 28. Top 6 Reaction-Bonded Silicon Carbide Seal Ring Manufacturer (Revenue) Market Share in 2025
Figure 29. Global Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity Market Share by Region (2021-2032)
Figure 30. Global Reaction-Bonded Silicon Carbide Seal Ring Consumption Value Market Share by Region (2021-2032)
Figure 31. North America Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 32. Europe Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 33. Asia-Pacific Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 34. South America Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 35. Middle East & Africa Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 36. Global Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity Market Share by Type (2021-2032)
Figure 37. Global Reaction-Bonded Silicon Carbide Seal Ring Consumption Value Market Share by Type (2021-2032)
Figure 38. Global Reaction-Bonded Silicon Carbide Seal Ring Average Price by Type (2021-2032) & (US$/Unit)
Figure 39. Global Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity Market Share by Application (2021-2032)
Figure 40. Global Reaction-Bonded Silicon Carbide Seal Ring Revenue Market Share by Application (2021-2032)
Figure 41. Global Reaction-Bonded Silicon Carbide Seal Ring Average Price by Application (2021-2032) & (US$/Unit)
Figure 42. North America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity Market Share by Type (2021-2032)
Figure 43. North America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity Market Share by Application (2021-2032)
Figure 44. North America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity

+357 96 030922
info@marketpublishers.com

Market Share by Country (2021-2032)
Figure 45. North America Reaction-Bonded Silicon Carbide Seal Ring Consumption Value Market Share by Country (2021-2032)
Figure 46. United States Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 47. Canada Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 48. Mexico Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 49. Europe Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity Market Share by Type (2021-2032)
Figure 50. Europe Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity Market Share by Application (2021-2032)
Figure 51. Europe Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity Market Share by Country (2021-2032)
Figure 52. Europe Reaction-Bonded Silicon Carbide Seal Ring Consumption Value Market Share by Country (2021-2032)
Figure 53. Germany Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 54. France Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 55. United Kingdom Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 56. Russia Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 57. Italy Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 58. Asia-Pacific Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity Market Share by Type (2021-2032)
Figure 59. Asia-Pacific Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity Market Share by Application (2021-2032)
Figure 60. Asia-Pacific Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity Market Share by Region (2021-2032)
Figure 61. Asia-Pacific Reaction-Bonded Silicon Carbide Seal Ring Consumption Value Market Share by Region (2021-2032)
Figure 62. China Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 63. Japan Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)

+357 96 030922
info@marketpublishers.com

Figure 64. South Korea Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 65. India Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 66. Southeast Asia Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 67. Australia Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 68. South America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity Market Share by Type (2021-2032)
Figure 69. South America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity Market Share by Application (2021-2032)
Figure 70. South America Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity Market Share by Country (2021-2032)
Figure 71. South America Reaction-Bonded Silicon Carbide Seal Ring Consumption Value Market Share by Country (2021-2032)
Figure 72. Brazil Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 73. Argentina Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 74. Middle East & Africa Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity Market Share by Type (2021-2032)
Figure 75. Middle East & Africa Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity Market Share by Application (2021-2032)
Figure 76. Middle East & Africa Reaction-Bonded Silicon Carbide Seal Ring Sales Quantity Market Share by Country (2021-2032)
Figure 77. Middle East & Africa Reaction-Bonded Silicon Carbide Seal Ring Consumption Value Market Share by Country (2021-2032)
Figure 78. Turkey Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 79. Egypt Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 80. Saudi Arabia Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 81. South Africa Reaction-Bonded Silicon Carbide Seal Ring Consumption Value (2021-2032) & (USD Million)
Figure 82. Reaction-Bonded Silicon Carbide Seal Ring Market Drivers
Figure 83. Reaction-Bonded Silicon Carbide Seal Ring Market Restraints
Figure 84. Reaction-Bonded Silicon Carbide Seal Ring Market Trends

+357 96 030922
info@marketpublishers.com

Figure 85. Porters Five Forces Analysis
Figure 86. Manufacturing Cost Structure Analysis of Reaction-Bonded Silicon Carbide Seal Ring in 2025
Figure 87. Manufacturing Process Analysis of Reaction-Bonded Silicon Carbide Seal Ring
Figure 88. Reaction-Bonded Silicon Carbide Seal Ring Industrial Chain
Figure 89. Sales Channel: Direct to End-User vs Distributors
Figure 90. Direct Channel Pros & Cons
Figure 91. Indirect Channel Pros & Cons
Figure 92. Methodology
Figure 93. Research Process and Data Source

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Reaction-Bonded Silicon Carbide Seal Ring Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: https://marketpublishers.com/r/GC3DC87ED65BEN.html

Price: US$ 3,480.00 (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/GC3DC87ED65BEN.html