

# Global HPLC Columns Packing Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G3B236A937E1EN.html>

Date: February 2026

Pages: 153

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

ID: G3B236A937E1EN

## Abstracts

The global HPLC Columns Packing market size is expected to reach \$ 817 million by 2032, rising at a market growth of 3.7% CAGR during the forecast period (2026-2032).

HPLC column packing refers to the functional porous particulate media (or continuous porous media) packed into a high-performance liquid chromatography column, engineered with tightly controlled particle size distribution, pore architecture/surface area, and tailored surface chemistry (e.g., bonded reversed-phase ligands, ion-exchange functionalities, or HILIC-type polar groups) to create differential retention and elution under high-pressure liquid flow, enabling high-resolution separations for identification/quantification and, when needed, purification. The product addresses the central analytical problem of reliably separating closely related target compounds and impurities within complex matrices—often with strong interferences and wide concentration ranges—while delivering repeatable, validation-ready performance in terms of resolution, peak shape, and retention-time stability, and supporting smooth method transfer across instruments, laboratories, and consumable lots. Historically, its evolution closely tracked the transition from early low-pressure column chromatography to modern HPLC: as high-pressure pumping, precise injection, and improved detection became practical, packings progressed from irregular, larger particles to smaller, more uniform porous microspheres to raise efficiency; porous silica microspheres became the dominant substrate, and the widespread adoption of bonded reversed-phase silica established the backbone of contemporary small-molecule method development. As applications demanded higher throughput, tougher matrices, wider pH operation, and harsher cleaning protocols, the technology expanded into hybrid silica and polymeric substrates, core-shell morphologies, and monolithic formats, alongside a broader set of separation mechanisms (HILIC, ion exchange, mixed-mode, size exclusion, chiral, and specialty phases) to improve robustness, fouling tolerance, and method portability.

Upstream supply typically spans both substrate production and surface functionalization: high-purity silica precursors/silica sols or monomers/polymers, porogens/templating agents, catalysts, dispersants, washing solvents, and classification media on the substrate side; organosilane coupling/bonding reagents, endcapping reagents, reaction solvents, and inert gases on the surface-chemistry side. The associated components/consumables ecosystem commonly includes inert-lined reactor and drying hardware, filtration and classification consumables, purification consumables (membranes and centrifugation supplies), column hardware (tubing and end fittings, frits/screens, seals and connectors), and QC standards plus analytical consumables used to characterize particle size, pore structure, and surface coverage. In 2025, the global production capacity of HPLC column packing materials is estimated at 300 metric tons, with sales volume reaching 215.1 metric tons. The average selling price is approximately USD 2,860 per kilogram, and gross margins of manufacturers generally range from 55% to 70%.

This report studies the global HPLC Columns Packing production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for HPLC Columns Packing 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 HPLC Columns Packing that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global HPLC Columns Packing total production and demand, 2021-2032, (Tons)

Global HPLC Columns Packing total production value, 2021-2032, (USD Million)

Global HPLC Columns Packing production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global HPLC Columns Packing consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: HPLC Columns Packing domestic production, consumption, key domestic manufacturers and share

Global HPLC Columns Packing production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global HPLC Columns Packing production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global HPLC Columns Packing production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global HPLC Columns Packing 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 Thermo Fisher Scientific, Danaher, Merck KGaA, Agilent Technologies, Waters, Sartorius, Mitsubishi Chemical Group, FUJIFILM Wako, Repligen, Bio-Rad Laboratories, 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 HPLC Columns Packing market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/kg) 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 HPLC Columns Packing Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### Global HPLC Columns Packing Market, Segmentation by Type:

Silica-Based Packing Materials

Hybrid Silica Packing Materials

Polymer-Based Packing Materials

Carbon-Based Packing Materials

### Global HPLC Columns Packing Market, Segmentation by Separation Mode:

Reversed Phase Packing Materials

Normal Phase Packing Materials

Ion Exchange Packing Materials

Others

### Global HPLC Columns Packing Market, Segmentation by Particle Structure:

Fully Porous Particle Packing Materials

Core-Shell Particle Packing Materials

Monolithic Packing Materials

Others

### Global HPLC Columns Packing Market, Segmentation by Average Particle Size:

Sub-2  $\mu\text{m}$  (10  $\mu\text{m}$ )

## Global HPLC Columns Packing Market, Segmentation by Application:

Pharmaceutical

Chemical Synthesis

Biological Purification

Others

## Companies Profiled:

Thermo Fisher Scientific

Danaher

Merck KGaA

Agilent Technologies

Waters

Sartorius

Mitsubishi Chemical Group

FUJIFILM Wako

Repligen

Bio-Rad Laboratories

YMC

Shimadzu

Tosoh

Daicel

Osaka Soda

NanoMicro Tech

Suzhou Sepax Technologies

Kaneka

Gltechno Holdings

**Key Questions Answered:**

1. How big is the global HPLC Columns Packing market?
2. What is the demand of the global HPLC Columns Packing market?
3. What is the year over year growth of the global HPLC Columns Packing market?
4. What is the production and production value of the global HPLC Columns Packing market?
5. Who are the key producers in the global HPLC Columns Packing market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

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

### 2 DEMAND SUMMARY

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

### 3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

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

4.4.1 United States Based Functional Yeast Extracts Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Functional Yeast Extracts Production Value (2021-2026)

4.4.3 United States Based Manufacturers Functional Yeast Extracts Production (2021-2026)

4.5 China Based Functional Yeast Extracts Manufacturers and Market Share

4.5.1 China Based Functional Yeast Extracts Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Functional Yeast Extracts Production Value (2021-2026)

4.5.3 China Based Manufacturers Functional Yeast Extracts Production (2021-2026)

4.6 Rest of World Based Functional Yeast Extracts Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Functional Yeast Extracts Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Functional Yeast Extracts Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Functional Yeast Extracts Production (2021-2026)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Functional Yeast Extracts Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Powder

5.2.2 Paste

5.2.3 Liquid

5.2.4 Granules

5.3 Market Segment by Type

5.3.1 World Functional Yeast Extracts Production by Type (2021-2032)

5.3.2 World Functional Yeast Extracts Production Value by Type (2021-2032)

5.3.3 World Functional Yeast Extracts Average Price by Type (2021-2032)

## **6 MARKET ANALYSIS BY PRICE SEGMENT**

6.1 World Functional Yeast Extracts Market Size Overview by Price Segment: 2021 VS 2025 VS 2032

## 6.2 Segment Introduction by Price Segment

6.2.1 Premium

6.2.2 Mid-range

6.2.3 Mass / Commodity

## 6.3 Market Segment by Price Segment

6.3.1 World Functional Yeast Extracts Production by Price Segment (2021-2032)

6.3.2 World Functional Yeast Extracts Production Value by Price Segment (2021-2032)

6.3.3 World Functional Yeast Extracts Average Price by Price Segment (2021-2032)

## 7 MARKET ANALYSIS BY SUPPLY MODEL

7.1 World Functional Yeast Extracts Market Size Overview by Supply Model: 2021 VS 2025 VS 2032

### 7.2 Segment Introduction by Supply Model

7.2.1 Standard Catalog Products

7.2.2 Customized Blends

7.2.3 Application Co-development

7.2.4 Contract / Long-term Supply

### 7.3 Market Segment by Supply Model

7.3.1 World Functional Yeast Extracts Production by Supply Model (2021-2032)

7.3.2 World Functional Yeast Extracts Production Value by Supply Model (2021-2032)

7.3.3 World Functional Yeast Extracts Average Price by Supply Model (2021-2032)

## 8 MARKET ANALYSIS BY APPLICATION

8.1 World Functional Yeast Extracts Market Size Overview by Application: 2021 VS 2025 VS 2032

### 8.2 Segment Introduction by Application

8.2.1 Food and Beverages

8.2.2 Biological

8.2.3 Other

### 8.3 Market Segment by Application

8.3.1 World Functional Yeast Extracts Production by Application (2021-2032)

8.3.2 World Functional Yeast Extracts Production Value by Application (2021-2032)

8.3.3 World Functional Yeast Extracts Average Price by Application (2021-2032)

## 9 COMPANY PROFILES

## 9.1 SKF

9.1.1 SKF Details

9.1.2 SKF Major Business

9.1.3 SKF Functional Yeast Extracts Product and Services

9.1.4 SKF Functional Yeast Extracts Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 SKF Recent Developments/Updates

9.1.6 SKF Competitive Strengths & Weaknesses

## 9.2 Parker Hannifin

9.2.1 Parker Hannifin Details

9.2.2 Parker Hannifin Major Business

9.2.3 Parker Hannifin Functional Yeast Extracts Product and Services

9.2.4 Parker Hannifin Functional Yeast Extracts Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 Parker Hannifin Recent Developments/Updates

9.2.6 Parker Hannifin Competitive Strengths & Weaknesses

## 9.3 HYDAC

9.3.1 HYDAC Details

9.3.2 HYDAC Major Business

9.3.3 HYDAC Functional Yeast Extracts Product and Services

9.3.4 HYDAC Functional Yeast Extracts Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 HYDAC Recent Developments/Updates

9.3.6 HYDAC Competitive Strengths & Weaknesses

## 9.4 ifm electronic

9.4.1 ifm electronic Details

9.4.2 ifm electronic Major Business

9.4.3 ifm electronic Functional Yeast Extracts Product and Services

9.4.4 ifm electronic Functional Yeast Extracts Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 ifm electronic Recent Developments/Updates

9.4.6 ifm electronic Competitive Strengths & Weaknesses

## 9.5 Tan Delta Systems

9.5.1 Tan Delta Systems Details

9.5.2 Tan Delta Systems Major Business

9.5.3 Tan Delta Systems Functional Yeast Extracts Product and Services

9.5.4 Tan Delta Systems Functional Yeast Extracts Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 Tan Delta Systems Recent Developments/Updates

### 9.5.6 Tan Delta Systems Competitive Strengths & Weaknesses

## 9.6 Des-Case

### 9.6.1 Des-Case Details

### 9.6.2 Des-Case Major Business

### 9.6.3 Des-Case Functional Yeast Extracts Product and Services

### 9.6.4 Des-Case Functional Yeast Extracts Production, Price, Value, Gross Margin and Market Share (2021-2026)

### 9.6.5 Des-Case Recent Developments/Updates

### 9.6.6 Des-Case Competitive Strengths & Weaknesses

## 9.7 Gastops

### 9.7.1 Gastops Details

### 9.7.2 Gastops Major Business

### 9.7.3 Gastops Functional Yeast Extracts Product and Services

### 9.7.4 Gastops Functional Yeast Extracts Production, Price, Value, Gross Margin and Market Share (2021-2026)

### 9.7.5 Gastops Recent Developments/Updates

### 9.7.6 Gastops Competitive Strengths & Weaknesses

## 9.8 Eaton

### 9.8.1 Eaton Details

### 9.8.2 Eaton Major Business

### 9.8.3 Eaton Functional Yeast Extracts Product and Services

### 9.8.4 Eaton Functional Yeast Extracts Production, Price, Value, Gross Margin and Market Share (2021-2026)

### 9.8.5 Eaton Recent Developments/Updates

### 9.8.6 Eaton Competitive Strengths & Weaknesses

## 9.9 CM Technologies

### 9.9.1 CM Technologies Details

### 9.9.2 CM Technologies Major Business

### 9.9.3 CM Technologies Functional Yeast Extracts Product and Services

### 9.9.4 CM Technologies Functional Yeast Extracts Production, Price, Value, Gross Margin and Market Share (2021-2026)

### 9.9.5 CM Technologies Recent Developments/Updates

### 9.9.6 CM Technologies Competitive Strengths & Weaknesses

## **10 INDUSTRY CHAIN ANALYSIS**

### 10.1 Functional Yeast Extracts Industry Chain

### 10.2 Functional Yeast Extracts Upstream Analysis

#### 10.2.1 Functional Yeast Extracts Core Raw Materials

- 10.2.2 Main Manufacturers of Functional Yeast Extracts Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 Functional Yeast Extracts Production Mode
- 10.6 Functional Yeast Extracts Procurement Model
- 10.7 Functional Yeast Extracts Industry Sales Model and Sales Channels
  - 10.7.1 Functional Yeast Extracts Sales Model
  - 10.7.2 Functional Yeast Extracts 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 HPLC Columns Packing Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World HPLC Columns Packing Production Value by Region (2021-2026) & (USD Million)

Table 3. World HPLC Columns Packing Production Value by Region (2027-2032) & (USD Million)

Table 4. World HPLC Columns Packing Production Value Market Share by Region (2021-2026)

Table 5. World HPLC Columns Packing Production Value Market Share by Region (2027-2032)

Table 6. World HPLC Columns Packing Production by Region (2021-2026) & (Tons)

Table 7. World HPLC Columns Packing Production by Region (2027-2032) & (Tons)

Table 8. World HPLC Columns Packing Production Market Share by Region (2021-2026)

Table 9. World HPLC Columns Packing Production Market Share by Region (2027-2032)

Table 10. World HPLC Columns Packing Average Price by Region (2021-2026) & (US\$/kg)

Table 11. World HPLC Columns Packing Average Price by Region (2027-2032) & (US\$/kg)

Table 12. HPLC Columns Packing Major Market Trends

Table 13. World HPLC Columns Packing Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Tons)

Table 14. World HPLC Columns Packing Consumption by Region (2021-2026) & (Tons)

Table 15. World HPLC Columns Packing Consumption Forecast by Region (2027-2032) & (Tons)

Table 16. World HPLC Columns Packing Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key HPLC Columns Packing Producers in 2025

Table 18. World HPLC Columns Packing Production by Manufacturer (2021-2026) & (Tons)

Table 19. Production Market Share of Key HPLC Columns Packing Producers in 2025

Table 20. World HPLC Columns Packing Average Price by Manufacturer (2021-2026) & (US\$/kg)

- Table 21. Global HPLC Columns Packing Company Evaluation Quadrant
- Table 22. World HPLC Columns Packing Industry Rank of Major Manufacturers, Based on Production Value in 2025
- Table 23. Head Office and HPLC Columns Packing Production Site of Key Manufacturer
- Table 24. HPLC Columns Packing Market: Company Product Type Footprint
- Table 25. HPLC Columns Packing Market: Company Product Application Footprint
- Table 26. HPLC Columns Packing Competitive Factors
- Table 27. HPLC Columns Packing New Entrant and Capacity Expansion Plans
- Table 28. HPLC Columns Packing Mergers & Acquisitions Activity
- Table 29. United States VS China HPLC Columns Packing Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
- Table 30. United States VS China HPLC Columns Packing Production Comparison, (2021 & 2025 & 2032) & (Tons)
- Table 31. United States VS China HPLC Columns Packing Consumption Comparison, (2021 & 2025 & 2032) & (Tons)
- Table 32. United States Based HPLC Columns Packing Manufacturers, Headquarters and Production Site (States, Country)
- Table 33. United States Based Manufacturers HPLC Columns Packing Production Value, (2021-2026) & (USD Million)
- Table 34. United States Based Manufacturers HPLC Columns Packing Production Value Market Share (2021-2026)
- Table 35. United States Based Manufacturers HPLC Columns Packing Production (2021-2026) & (Tons)
- Table 36. United States Based Manufacturers HPLC Columns Packing Production Market Share (2021-2026)
- Table 37. China Based HPLC Columns Packing Manufacturers, Headquarters and Production Site (Province, Country)
- Table 38. China Based Manufacturers HPLC Columns Packing Production Value, (2021-2026) & (USD Million)
- Table 39. China Based Manufacturers HPLC Columns Packing Production Value Market Share (2021-2026)
- Table 40. China Based Manufacturers HPLC Columns Packing Production, (2021-2026) & (Tons)
- Table 41. China Based Manufacturers HPLC Columns Packing Production Market Share (2021-2026)
- Table 42. Rest of World Based HPLC Columns Packing Manufacturers, Headquarters and Production Site (State, Country)
- Table 43. Rest of World Based Manufacturers HPLC Columns Packing Production

Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers HPLC Columns Packing Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers HPLC Columns Packing Production, (2021-2026) & (Tons)

Table 46. Rest of World Based Manufacturers HPLC Columns Packing Production Market Share (2021-2026)

Table 47. World HPLC Columns Packing Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World HPLC Columns Packing Production by Type (2021-2026) & (Tons)

Table 49. World HPLC Columns Packing Production by Type (2027-2032) & (Tons)

Table 50. World HPLC Columns Packing Production Value by Type (2021-2026) & (USD Million)

Table 51. World HPLC Columns Packing Production Value by Type (2027-2032) & (USD Million)

Table 52. World HPLC Columns Packing Average Price by Type (2021-2026) & (US\$/kg)

Table 53. World HPLC Columns Packing Average Price by Type (2027-2032) & (US\$/kg)

Table 54. World HPLC Columns Packing Production Value by Separation Mode, (USD Million), 2021 & 2025 & 2032

Table 55. World HPLC Columns Packing Production by Separation Mode (2021-2026) & (Tons)

Table 56. World HPLC Columns Packing Production by Separation Mode (2027-2032) & (Tons)

Table 57. World HPLC Columns Packing Production Value by Separation Mode (2021-2026) & (USD Million)

Table 58. World HPLC Columns Packing Production Value by Separation Mode (2027-2032) & (USD Million)

Table 59. World HPLC Columns Packing Average Price by Separation Mode (2021-2026) & (US\$/kg)

Table 60. World HPLC Columns Packing Average Price by Separation Mode (2027-2032) & (US\$/kg)

Table 61. World HPLC Columns Packing Production Value by Particle Structure, (USD Million), 2021 & 2025 & 2032

Table 62. World HPLC Columns Packing Production by Particle Structure (2021-2026) & (Tons)

Table 63. World HPLC Columns Packing Production by Particle Structure (2027-2032) & (Tons)

Table 64. World HPLC Columns Packing Production Value by Particle Structure (2021-2026) & (USD Million)

Table 65. World HPLC Columns Packing Production Value by Particle Structure (2027-2032) & (USD Million)

Table 66. World HPLC Columns Packing Average Price by Particle Structure (2021-2026) & (US\$/kg)

Table 67. World HPLC Columns Packing Average Price by Particle Structure (2027-2032) & (US\$/kg)

Table 68. World HPLC Columns Packing Production Value by Average Particle Size, (USD Million), 2021 & 2025 & 2032

Table 69. World HPLC Columns Packing Production by Average Particle Size (2021-2026) & (Tons)

Table 70. World HPLC Columns Packing Production by Average Particle Size (2027-2032) & (Tons)

Table 71. World HPLC Columns Packing Production Value by Average Particle Size (2021-2026) & (USD Million)

Table 72. World HPLC Columns Packing Production Value by Average Particle Size (2027-2032) & (USD Million)

Table 73. World HPLC Columns Packing Average Price by Average Particle Size (2021-2026) & (US\$/kg)

Table 74. World HPLC Columns Packing Average Price by Average Particle Size (2027-2032) & (US\$/kg)

Table 75. World HPLC Columns Packing Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 76. World HPLC Columns Packing Production by Application (2021-2026) & (Tons)

Table 77. World HPLC Columns Packing Production by Application (2027-2032) & (Tons)

Table 78. World HPLC Columns Packing Production Value by Application (2021-2026) & (USD Million)

Table 79. World HPLC Columns Packing Production Value by Application (2027-2032) & (USD Million)

Table 80. World HPLC Columns Packing Average Price by Application (2021-2026) & (US\$/kg)

Table 81. World HPLC Columns Packing Average Price by Application (2027-2032) & (US\$/kg)

Table 82. Thermo Fisher Scientific Basic Information, Manufacturing Base and Competitors

Table 83. Thermo Fisher Scientific Major Business

- Table 84. Thermo Fisher Scientific HPLC Columns Packing Product and Services
- Table 85. Thermo Fisher Scientific HPLC Columns Packing Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 86. Thermo Fisher Scientific Recent Developments/Updates
- Table 87. Thermo Fisher Scientific Competitive Strengths & Weaknesses
- Table 88. Danaher Basic Information, Manufacturing Base and Competitors
- Table 89. Danaher Major Business
- Table 90. Danaher HPLC Columns Packing Product and Services
- Table 91. Danaher HPLC Columns Packing Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 92. Danaher Recent Developments/Updates
- Table 93. Danaher Competitive Strengths & Weaknesses
- Table 94. Merck KGaA Basic Information, Manufacturing Base and Competitors
- Table 95. Merck KGaA Major Business
- Table 96. Merck KGaA HPLC Columns Packing Product and Services
- Table 97. Merck KGaA HPLC Columns Packing Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 98. Merck KGaA Recent Developments/Updates
- Table 99. Merck KGaA Competitive Strengths & Weaknesses
- Table 100. Agilent Technologies Basic Information, Manufacturing Base and Competitors
- Table 101. Agilent Technologies Major Business
- Table 102. Agilent Technologies HPLC Columns Packing Product and Services
- Table 103. Agilent Technologies HPLC Columns Packing Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 104. Agilent Technologies Recent Developments/Updates
- Table 105. Agilent Technologies Competitive Strengths & Weaknesses
- Table 106. Waters Basic Information, Manufacturing Base and Competitors
- Table 107. Waters Major Business
- Table 108. Waters HPLC Columns Packing Product and Services
- Table 109. Waters HPLC Columns Packing Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 110. Waters Recent Developments/Updates
- Table 111. Waters Competitive Strengths & Weaknesses
- Table 112. Sartorius Basic Information, Manufacturing Base and Competitors
- Table 113. Sartorius Major Business
- Table 114. Sartorius HPLC Columns Packing Product and Services
- Table 115. Sartorius HPLC Columns Packing Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

- Table 116. Sartorius Recent Developments/Updates
- Table 117. Sartorius Competitive Strengths & Weaknesses
- Table 118. Mitsubishi Chemical Group Basic Information, Manufacturing Base and Competitors
- Table 119. Mitsubishi Chemical Group Major Business
- Table 120. Mitsubishi Chemical Group HPLC Columns Packing Product and Services
- Table 121. Mitsubishi Chemical Group HPLC Columns Packing Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 122. Mitsubishi Chemical Group Recent Developments/Updates
- Table 123. Mitsubishi Chemical Group Competitive Strengths & Weaknesses
- Table 124. FUJIFILM Wako Basic Information, Manufacturing Base and Competitors
- Table 125. FUJIFILM Wako Major Business
- Table 126. FUJIFILM Wako HPLC Columns Packing Product and Services
- Table 127. FUJIFILM Wako HPLC Columns Packing Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 128. FUJIFILM Wako Recent Developments/Updates
- Table 129. FUJIFILM Wako Competitive Strengths & Weaknesses
- Table 130. Repligen Basic Information, Manufacturing Base and Competitors
- Table 131. Repligen Major Business
- Table 132. Repligen HPLC Columns Packing Product and Services
- Table 133. Repligen HPLC Columns Packing Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 134. Repligen Recent Developments/Updates
- Table 135. Repligen Competitive Strengths & Weaknesses
- Table 136. Bio-Rad Laboratories Basic Information, Manufacturing Base and Competitors
- Table 137. Bio-Rad Laboratories Major Business
- Table 138. Bio-Rad Laboratories HPLC Columns Packing Product and Services
- Table 139. Bio-Rad Laboratories HPLC Columns Packing Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 140. Bio-Rad Laboratories Recent Developments/Updates
- Table 141. Bio-Rad Laboratories Competitive Strengths & Weaknesses
- Table 142. YMC Basic Information, Manufacturing Base and Competitors
- Table 143. YMC Major Business
- Table 144. YMC HPLC Columns Packing Product and Services
- Table 145. YMC HPLC Columns Packing Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 146. YMC Recent Developments/Updates

- Table 147. YMC Competitive Strengths & Weaknesses
- Table 148. Shimadzu Basic Information, Manufacturing Base and Competitors
- Table 149. Shimadzu Major Business
- Table 150. Shimadzu HPLC Columns Packing Product and Services
- Table 151. Shimadzu HPLC Columns Packing Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 152. Shimadzu Recent Developments/Updates
- Table 153. Shimadzu Competitive Strengths & Weaknesses
- Table 154. Tosoh Basic Information, Manufacturing Base and Competitors
- Table 155. Tosoh Major Business
- Table 156. Tosoh HPLC Columns Packing Product and Services
- Table 157. Tosoh HPLC Columns Packing Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 158. Tosoh Recent Developments/Updates
- Table 159. Tosoh Competitive Strengths & Weaknesses
- Table 160. Daicel Basic Information, Manufacturing Base and Competitors
- Table 161. Daicel Major Business
- Table 162. Daicel HPLC Columns Packing Product and Services
- Table 163. Daicel HPLC Columns Packing Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 164. Daicel Recent Developments/Updates
- Table 165. Daicel Competitive Strengths & Weaknesses
- Table 166. Osaka Soda Basic Information, Manufacturing Base and Competitors
- Table 167. Osaka Soda Major Business
- Table 168. Osaka Soda HPLC Columns Packing Product and Services
- Table 169. Osaka Soda HPLC Columns Packing Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 170. Osaka Soda Recent Developments/Updates
- Table 171. Osaka Soda Competitive Strengths & Weaknesses
- Table 172. NanoMicro Tech Basic Information, Manufacturing Base and Competitors
- Table 173. NanoMicro Tech Major Business
- Table 174. NanoMicro Tech HPLC Columns Packing Product and Services
- Table 175. NanoMicro Tech HPLC Columns Packing Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 176. NanoMicro Tech Recent Developments/Updates
- Table 177. NanoMicro Tech Competitive Strengths & Weaknesses
- Table 178. Suzhou Sepax Technologies Basic Information, Manufacturing Base and Competitors
- Table 179. Suzhou Sepax Technologies Major Business

- Table 180. Suzhou Sepax Technologies HPLC Columns Packing Product and Services
- Table 181. Suzhou Sepax Technologies HPLC Columns Packing Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 182. Suzhou Sepax Technologies Recent Developments/Updates
- Table 183. Suzhou Sepax Technologies Competitive Strengths & Weaknesses
- Table 184. Kaneka Basic Information, Manufacturing Base and Competitors
- Table 185. Kaneka Major Business
- Table 186. Kaneka HPLC Columns Packing Product and Services
- Table 187. Kaneka HPLC Columns Packing Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 188. Kaneka Recent Developments/Updates
- Table 189. Kaneka Competitive Strengths & Weaknesses
- Table 190. Gltechno Holdings Basic Information, Manufacturing Base and Competitors
- Table 191. Gltechno Holdings Major Business
- Table 192. Gltechno Holdings HPLC Columns Packing Product and Services
- Table 193. Gltechno Holdings HPLC Columns Packing Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 194. Gltechno Holdings Recent Developments/Updates
- Table 195. Gltechno Holdings Competitive Strengths & Weaknesses
- Table 196. Global Key Players of HPLC Columns Packing Upstream (Raw Materials)
- Table 197. Global HPLC Columns Packing Typical Customers
- Table 198. HPLC Columns Packing Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. HPLC Columns Packing Picture

Figure 2. World HPLC Columns Packing Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World HPLC Columns Packing Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World HPLC Columns Packing Production (2021-2032) & (Tons)

Figure 5. World HPLC Columns Packing Average Price (2021-2032) & (US\$/kg)

Figure 6. World HPLC Columns Packing Production Value Market Share by Region (2021-2032)

Figure 7. World HPLC Columns Packing Production Market Share by Region (2021-2032)

Figure 8. North America HPLC Columns Packing Production (2021-2032) & (Tons)

Figure 9. Europe HPLC Columns Packing Production (2021-2032) & (Tons)

Figure 10. China HPLC Columns Packing Production (2021-2032) & (Tons)

Figure 11. Japan HPLC Columns Packing Production (2021-2032) & (Tons)

Figure 12. India HPLC Columns Packing Production (2021-2032) & (Tons)

Figure 13. Southeast Asia HPLC Columns Packing Production (2021-2032) & (Tons)

Figure 14. HPLC Columns Packing Market Drivers

Figure 15. Factors Affecting Demand

Figure 16. World HPLC Columns Packing Consumption (2021-2032) & (Tons)

Figure 17. World HPLC Columns Packing Consumption Market Share by Region (2021-2032)

Figure 18. United States HPLC Columns Packing Consumption (2021-2032) & (Tons)

Figure 19. China HPLC Columns Packing Consumption (2021-2032) & (Tons)

Figure 20. Europe HPLC Columns Packing Consumption (2021-2032) & (Tons)

Figure 21. Japan HPLC Columns Packing Consumption (2021-2032) & (Tons)

Figure 22. South Korea HPLC Columns Packing Consumption (2021-2032) & (Tons)

Figure 23. ASEAN HPLC Columns Packing Consumption (2021-2032) & (Tons)

Figure 24. India HPLC Columns Packing Consumption (2021-2032) & (Tons)

Figure 25. Producer Shipments of HPLC Columns Packing by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 26. Global Four-firm Concentration Ratios (CR4) for HPLC Columns Packing Markets in 2025

Figure 27. Global Four-firm Concentration Ratios (CR8) for HPLC Columns Packing Markets in 2025

Figure 28. United States VS China: HPLC Columns Packing Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: HPLC Columns Packing Production Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States VS China: HPLC Columns Packing Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 31. United States Based Manufacturers HPLC Columns Packing Production Market Share 2025

Figure 32. China Based Manufacturers HPLC Columns Packing Production Market Share 2025

Figure 33. Rest of World Based Manufacturers HPLC Columns Packing Production Market Share 2025

Figure 34. World HPLC Columns Packing Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 35. World HPLC Columns Packing Production Value Market Share by Type in 2025

Figure 36. Silica-Based Packing Materials

Figure 37. Hybrid Silica Packing Materials

Figure 38. Polymer-Based Packing Materials

Figure 39. Carbon-Based Packing Materials

Figure 40. World HPLC Columns Packing Production Market Share by Type (2021-2032)

Figure 41. World HPLC Columns Packing Production Value Market Share by Type (2021-2032)

Figure 42. World HPLC Columns Packing Average Price by Type (2021-2032) & (US\$/kg)

Figure 43. World HPLC Columns Packing Production Value by Separation Mode, (USD Million), 2021 & 2025 & 2032

Figure 44. World HPLC Columns Packing Production Value Market Share by Separation Mode in 2025

Figure 45. Reversed Phase Packing Materials

Figure 46. Normal Phase Packing Materials

Figure 47. Ion Exchange Packing Materials

Figure 48. Others

Figure 49. World HPLC Columns Packing Production Market Share by Separation Mode (2021-2032)

Figure 50. World HPLC Columns Packing Production Value Market Share by Separation Mode (2021-2032)

Figure 51. World HPLC Columns Packing Average Price by Separation Mode

(2021-2032) & (US\$/kg)

Figure 52. World HPLC Columns Packing Production Value by Particle Structure, (USD Million), 2021 & 2025 & 2032

Figure 53. World HPLC Columns Packing Production Value Market Share by Particle Structure in 2025

Figure 54. Fully Porous Particle Packing Materials

Figure 55. Core-Shell Particle Packing Materials

Figure 56. Monolithic Packing Materials

Figure 57. Others

Figure 58. World HPLC Columns Packing Production Market Share by Particle Structure (2021-2032)

Figure 59. World HPLC Columns Packing Production Value Market Share by Particle Structure (2021-2032)

Figure 60. World HPLC Columns Packing Average Price by Particle Structure (2021-2032) & (US\$/kg)

Figure 61. World HPLC Columns Packing Production Value by Average Particle Size, (USD Million), 2021 & 2025 & 2032

Figure 62. World HPLC Columns Packing Production Value Market Share by Average Particle Size in 2025

Figure 63. Sub-2  $\mu\text{m}$  (10  $\mu\text{m}$ )

Figure 68. World HPLC Columns Packing Production Market Share by Average Particle Size (2021-2032)

Figure 69. World HPLC Columns Packing Production Value Market Share by Average Particle Size (2021-2032)

Figure 70. World HPLC Columns Packing Average Price by Average Particle Size (2021-2032) & (US\$/kg)

Figure 71. World HPLC Columns Packing Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 72. World HPLC Columns Packing Production Value Market Share by Application in 2025

Figure 73. Pharmaceutical

Figure 74. Chemical Synthesis

Figure 75. Biological Purification

Figure 76. Others

Figure 77. World HPLC Columns Packing Production Market Share by Application (2021-2032)

Figure 78. World HPLC Columns Packing Production Value Market Share by Application (2021-2032)

Figure 79. World HPLC Columns Packing Average Price by Application (2021-2032) &

(US\$/kg)

Figure 80. HPLC Columns Packing Industry Chain

Figure 81. HPLC Columns Packing Procurement Model

Figure 82. HPLC Columns Packing Sales Model

Figure 83. HPLC Columns Packing Sales Channels, Direct Sales, and Distribution

Figure 84. Methodology

Figure 85. Research Process and Data Source

## I would like to order

Product name: Global HPLC Columns Packing Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G3B236A937E1EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G3B236A937E1EN.html>