

# Global Functional Hydrogel Coating Market Growth 2025-2031

<https://marketpublishers.com/r/G1FAFEF6B95AEN.html>

Date: November 2025

Pages: 138

Price: US\$ 3,660.00 (Single User License)

ID: G1FAFEF6B95AEN

## Abstracts

The global Functional Hydrogel Coating market size is predicted to grow from US\$ 29940 million in 2025 to US\$ 42260 million in 2031; it is expected to grow at a CAGR of 5.9% from 2025 to 2031.

Hydrogel is a material form formed by polymer network absorbing water and swelling. In recent years, researchers have diversified the chemical composition and network topology of hydrogels, and synthesized various functional hydrogel materials, which are rich in stimuli responsiveness (temperature, electric field, pH, etc.) , functionality (such as drug loading, lubrication, anti-fouling, etc.) and mechanical strength and toughness (strong adhesion, impact resistance, etc.), play an irreplaceable role in the fields of intelligent flexible devices, soft robots, etc. At the same time, with the solution of hydrogel strong and tough bonding technology, people have also begun to integrate functional hydrogel coatings with metals, semiconductors and other materials. The various functional properties of the glue are integrated into the material, thereby creating new opportunities for medical devices, smart flexible devices, and more.

The market drivers for Functional Hydrogel Coating are the increasing demand for eco-friendly and cost-effective solutions for various industries, such as healthcare, agriculture, and electronics. Functional Hydrogel Coating can offer advantages such as low environmental impact, easy fabrication, fast response, and customization 12. The growing awareness of the benefits of Functional Hydrogel Coating among consumers and manufacturers may also boost the market growth.

The constraints of Functional Hydrogel Coating are the challenges in achieving strong and durable adhesion between hydrogels and substrates, especially in aqueous environments. The compatibility issues between different types of hydrogels and

substrates may also limit the application scope of Functional Hydrogel Coating. Moreover, the legal and ethical regulations regarding the use of Functional Hydrogel Coating for certain purposes may pose some barriers to the market development.

The future opportunities for Functional Hydrogel Coating are the expansion into new markets and regions where Functional Hydrogel Coating is not yet widely adopted or available. The integration with emerging technologies such as VR/AR, AI, IoT, etc., may also create new possibilities for Functional Hydrogel Coating. Furthermore, the development of more innovative and user-friendly features and functions of Functional Hydrogel Coating may attract more customers and increase the market value.

LP Information, Inc. (LPI) ' newest research report, the "Functional Hydrogel Coating Industry Forecast" looks at past sales and reviews total world Functional Hydrogel Coating sales in 2024, providing a comprehensive analysis by region and market sector of projected Functional Hydrogel Coating sales for 2025 through 2031. With Functional Hydrogel Coating sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Functional Hydrogel Coating industry.

This Insight Report provides a comprehensive analysis of the global Functional Hydrogel Coating landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Functional Hydrogel Coating portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Functional Hydrogel Coating market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Functional Hydrogel Coating and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Functional Hydrogel Coating.

This report presents a comprehensive overview, market shares, and growth opportunities of Functional Hydrogel Coating market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Medical Use

Non-Medical Use

Segmentation by Application:

Medicine

Medical Instruments

Electronic

Semiconductor

Chemical

Machinery

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

DSM Biomedical

Surmodics

Biocoat

Coatings2Go

Hydromer

Harland Medical Systems

AST Products

Surface Solutions Group

ISurTec

AdvanSource Biomaterials

Teleflex

Argon Medical

Medichem

JMedtech

3M

Akzo Nobel

PPG Industries

SCHOTT

SOCOMORE

## Key Questions Addressed in this Report

What is the 10-year outlook for the global Functional Hydrogel Coating market?

What factors are driving Functional Hydrogel Coating market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Functional Hydrogel Coating market opportunities vary by end market size?

How does Functional Hydrogel Coating break out by Type, by Application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global Functional Hydrogel Coating Annual Sales 2020-2031
  - 2.1.2 World Current & Future Analysis for Functional Hydrogel Coating by Geographic Region, 2020, 2024 & 2031
  - 2.1.3 World Current & Future Analysis for Functional Hydrogel Coating by Country/Region, 2020, 2024 & 2031
- 2.2 Functional Hydrogel Coating Segment by Type
  - 2.2.1 Medical Use
  - 2.2.2 Non-Medical Use
- 2.3 Functional Hydrogel Coating Sales by Type
  - 2.3.1 Global Functional Hydrogel Coating Sales Market Share by Type (2020-2025)
  - 2.3.2 Global Functional Hydrogel Coating Revenue and Market Share by Type (2020-2025)
  - 2.3.3 Global Functional Hydrogel Coating Sale Price by Type (2020-2025)
- 2.4 Functional Hydrogel Coating Segment by Application
  - 2.4.1 Medicine
  - 2.4.2 Medical Instruments
  - 2.4.3 Electronic
  - 2.4.4 Semiconductor
  - 2.4.5 Chemical
  - 2.4.6 Machinery
- 2.5 Functional Hydrogel Coating Sales by Application
  - 2.5.1 Global Functional Hydrogel Coating Sale Market Share by Application (2020-2025)

2.5.2 Global Functional Hydrogel Coating Revenue and Market Share by Application (2020-2025)

2.5.3 Global Functional Hydrogel Coating Sale Price by Application (2020-2025)

### **3 GLOBAL BY COMPANY**

3.1 Global Functional Hydrogel Coating Breakdown Data by Company

3.1.1 Global Functional Hydrogel Coating Annual Sales by Company (2020-2025)

3.1.2 Global Functional Hydrogel Coating Sales Market Share by Company (2020-2025)

3.2 Global Functional Hydrogel Coating Annual Revenue by Company (2020-2025)

3.2.1 Global Functional Hydrogel Coating Revenue by Company (2020-2025)

3.2.2 Global Functional Hydrogel Coating Revenue Market Share by Company (2020-2025)

3.3 Global Functional Hydrogel Coating Sale Price by Company

3.4 Key Manufacturers Functional Hydrogel Coating Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Functional Hydrogel Coating Product Location Distribution

3.4.2 Players Functional Hydrogel Coating Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

### **4 WORLD HISTORIC REVIEW FOR FUNCTIONAL HYDROGEL COATING BY GEOGRAPHIC REGION**

4.1 World Historic Functional Hydrogel Coating Market Size by Geographic Region (2020-2025)

4.1.1 Global Functional Hydrogel Coating Annual Sales by Geographic Region (2020-2025)

4.1.2 Global Functional Hydrogel Coating Annual Revenue by Geographic Region (2020-2025)

4.2 World Historic Functional Hydrogel Coating Market Size by Country/Region (2020-2025)

4.2.1 Global Functional Hydrogel Coating Annual Sales by Country/Region (2020-2025)

4.2.2 Global Functional Hydrogel Coating Annual Revenue by Country/Region

(2020-2025)

4.3 Americas Functional Hydrogel Coating Sales Growth

4.4 APAC Functional Hydrogel Coating Sales Growth

4.5 Europe Functional Hydrogel Coating Sales Growth

4.6 Middle East & Africa Functional Hydrogel Coating Sales Growth

## **5 AMERICAS**

5.1 Americas Functional Hydrogel Coating Sales by Country

5.1.1 Americas Functional Hydrogel Coating Sales by Country (2020-2025)

5.1.2 Americas Functional Hydrogel Coating Revenue by Country (2020-2025)

5.2 Americas Functional Hydrogel Coating Sales by Type (2020-2025)

5.3 Americas Functional Hydrogel Coating Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC Functional Hydrogel Coating Sales by Region

6.1.1 APAC Functional Hydrogel Coating Sales by Region (2020-2025)

6.1.2 APAC Functional Hydrogel Coating Revenue by Region (2020-2025)

6.2 APAC Functional Hydrogel Coating Sales by Type (2020-2025)

6.3 APAC Functional Hydrogel Coating Sales by Application (2020-2025)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

## **7 EUROPE**

7.1 Europe Functional Hydrogel Coating by Country

7.1.1 Europe Functional Hydrogel Coating Sales by Country (2020-2025)

7.1.2 Europe Functional Hydrogel Coating Revenue by Country (2020-2025)

7.2 Europe Functional Hydrogel Coating Sales by Type (2020-2025)

7.3 Europe Functional Hydrogel Coating Sales by Application (2020-2025)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

## **8 MIDDLE EAST & AFRICA**

8.1 Middle East & Africa Functional Hydrogel Coating by Country

8.1.1 Middle East & Africa Functional Hydrogel Coating Sales by Country (2020-2025)

8.1.2 Middle East & Africa Functional Hydrogel Coating Revenue by Country (2020-2025)

8.2 Middle East & Africa Functional Hydrogel Coating Sales by Type (2020-2025)

8.3 Middle East & Africa Functional Hydrogel Coating Sales by Application (2020-2025)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Functional Hydrogel Coating

10.3 Manufacturing Process Analysis of Functional Hydrogel Coating

10.4 Industry Chain Structure of Functional Hydrogel Coating

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

- 11.2 Functional Hydrogel Coating Distributors
- 11.3 Functional Hydrogel Coating Customer

## **12 WORLD FORECAST REVIEW FOR FUNCTIONAL HYDROGEL COATING BY GEOGRAPHIC REGION**

- 12.1 Global Functional Hydrogel Coating Market Size Forecast by Region
  - 12.1.1 Global Functional Hydrogel Coating Forecast by Region (2026-2031)
  - 12.1.2 Global Functional Hydrogel Coating Annual Revenue Forecast by Region (2026-2031)
- 12.2 Americas Forecast by Country (2026-2031)
- 12.3 APAC Forecast by Region (2026-2031)
- 12.4 Europe Forecast by Country (2026-2031)
- 12.5 Middle East & Africa Forecast by Country (2026-2031)
- 12.6 Global Functional Hydrogel Coating Forecast by Type (2026-2031)
- 12.7 Global Functional Hydrogel Coating Forecast by Application (2026-2031)

## **13 KEY PLAYERS ANALYSIS**

- 13.1 DSM Biomedical
  - 13.1.1 DSM Biomedical Company Information
  - 13.1.2 DSM Biomedical Functional Hydrogel Coating Product Portfolios and Specifications
  - 13.1.3 DSM Biomedical Functional Hydrogel Coating Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.1.4 DSM Biomedical Main Business Overview
  - 13.1.5 DSM Biomedical Latest Developments
- 13.2 Surmodics
  - 13.2.1 Surmodics Company Information
  - 13.2.2 Surmodics Functional Hydrogel Coating Product Portfolios and Specifications
  - 13.2.3 Surmodics Functional Hydrogel Coating Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.2.4 Surmodics Main Business Overview
  - 13.2.5 Surmodics Latest Developments
- 13.3 Biocoat
  - 13.3.1 Biocoat Company Information
  - 13.3.2 Biocoat Functional Hydrogel Coating Product Portfolios and Specifications
  - 13.3.3 Biocoat Functional Hydrogel Coating Sales, Revenue, Price and Gross Margin (2020-2025)

- 13.3.4 Biocoat Main Business Overview
- 13.3.5 Biocoat Latest Developments
- 13.4 Coatings2Go
  - 13.4.1 Coatings2Go Company Information
  - 13.4.2 Coatings2Go Functional Hydrogel Coating Product Portfolios and Specifications
  - 13.4.3 Coatings2Go Functional Hydrogel Coating Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.4.4 Coatings2Go Main Business Overview
  - 13.4.5 Coatings2Go Latest Developments
- 13.5 Hydromer
  - 13.5.1 Hydromer Company Information
  - 13.5.2 Hydromer Functional Hydrogel Coating Product Portfolios and Specifications
  - 13.5.3 Hydromer Functional Hydrogel Coating Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.5.4 Hydromer Main Business Overview
  - 13.5.5 Hydromer Latest Developments
- 13.6 Harland Medical Systems
  - 13.6.1 Harland Medical Systems Company Information
  - 13.6.2 Harland Medical Systems Functional Hydrogel Coating Product Portfolios and Specifications
  - 13.6.3 Harland Medical Systems Functional Hydrogel Coating Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.6.4 Harland Medical Systems Main Business Overview
  - 13.6.5 Harland Medical Systems Latest Developments
- 13.7 AST Products
  - 13.7.1 AST Products Company Information
  - 13.7.2 AST Products Functional Hydrogel Coating Product Portfolios and Specifications
  - 13.7.3 AST Products Functional Hydrogel Coating Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.7.4 AST Products Main Business Overview
  - 13.7.5 AST Products Latest Developments
- 13.8 Surface Solutions Group
  - 13.8.1 Surface Solutions Group Company Information
  - 13.8.2 Surface Solutions Group Functional Hydrogel Coating Product Portfolios and Specifications
  - 13.8.3 Surface Solutions Group Functional Hydrogel Coating Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.8.4 Surface Solutions Group Main Business Overview

- 13.8.5 Surface Solutions Group Latest Developments
- 13.9 ISurTec
  - 13.9.1 ISurTec Company Information
  - 13.9.2 ISurTec Functional Hydrogel Coating Product Portfolios and Specifications
  - 13.9.3 ISurTec Functional Hydrogel Coating Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.9.4 ISurTec Main Business Overview
  - 13.9.5 ISurTec Latest Developments
- 13.10 AdvanSource Biomaterials
  - 13.10.1 AdvanSource Biomaterials Company Information
  - 13.10.2 AdvanSource Biomaterials Functional Hydrogel Coating Product Portfolios and Specifications
  - 13.10.3 AdvanSource Biomaterials Functional Hydrogel Coating Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.10.4 AdvanSource Biomaterials Main Business Overview
  - 13.10.5 AdvanSource Biomaterials Latest Developments
- 13.11 Teleflex
  - 13.11.1 Teleflex Company Information
  - 13.11.2 Teleflex Functional Hydrogel Coating Product Portfolios and Specifications
  - 13.11.3 Teleflex Functional Hydrogel Coating Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.11.4 Teleflex Main Business Overview
  - 13.11.5 Teleflex Latest Developments
- 13.12 Argon Medical
  - 13.12.1 Argon Medical Company Information
  - 13.12.2 Argon Medical Functional Hydrogel Coating Product Portfolios and Specifications
  - 13.12.3 Argon Medical Functional Hydrogel Coating Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.12.4 Argon Medical Main Business Overview
  - 13.12.5 Argon Medical Latest Developments
- 13.13 Medichem
  - 13.13.1 Medichem Company Information
  - 13.13.2 Medichem Functional Hydrogel Coating Product Portfolios and Specifications
  - 13.13.3 Medichem Functional Hydrogel Coating Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.13.4 Medichem Main Business Overview
  - 13.13.5 Medichem Latest Developments
- 13.14 JMedtech

- 13.14.1 JMedtech Company Information
- 13.14.2 JMedtech Functional Hydrogel Coating Product Portfolios and Specifications
- 13.14.3 JMedtech Functional Hydrogel Coating Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.14.4 JMedtech Main Business Overview
- 13.14.5 JMedtech Latest Developments
- 13.15 3M
  - 13.15.1 3M Company Information
  - 13.15.2 3M Functional Hydrogel Coating Product Portfolios and Specifications
  - 13.15.3 3M Functional Hydrogel Coating Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.15.4 3M Main Business Overview
  - 13.15.5 3M Latest Developments
- 13.16 Akzo Nobel
  - 13.16.1 Akzo Nobel Company Information
  - 13.16.2 Akzo Nobel Functional Hydrogel Coating Product Portfolios and Specifications
  - 13.16.3 Akzo Nobel Functional Hydrogel Coating Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.16.4 Akzo Nobel Main Business Overview
  - 13.16.5 Akzo Nobel Latest Developments
- 13.17 PPG Industries
  - 13.17.1 PPG Industries Company Information
  - 13.17.2 PPG Industries Functional Hydrogel Coating Product Portfolios and Specifications
  - 13.17.3 PPG Industries Functional Hydrogel Coating Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.17.4 PPG Industries Main Business Overview
  - 13.17.5 PPG Industries Latest Developments
- 13.18 SCHOTT
  - 13.18.1 SCHOTT Company Information
  - 13.18.2 SCHOTT Functional Hydrogel Coating Product Portfolios and Specifications
  - 13.18.3 SCHOTT Functional Hydrogel Coating Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.18.4 SCHOTT Main Business Overview
  - 13.18.5 SCHOTT Latest Developments
- 13.19 SOCOMORE
  - 13.19.1 SOCOMORE Company Information
  - 13.19.2 SOCOMORE Functional Hydrogel Coating Product Portfolios and Specifications

13.19.3 SOCOMORE Functional Hydrogel Coating Sales, Revenue, Price and Gross Margin (2020-2025)

13.19.4 SOCOMORE Main Business Overview

13.19.5 SOCOMORE Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Functional Hydrogel Coating Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. Functional Hydrogel Coating Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of Medical Use

Table 4. Major Players of Non-Medical Use

Table 5. Global Functional Hydrogel Coating Sales by Type (2020-2025) & (Tons)

Table 6. Global Functional Hydrogel Coating Sales Market Share by Type (2020-2025)

Table 7. Global Functional Hydrogel Coating Revenue by Type (2020-2025) & (\$ million)

Table 8. Global Functional Hydrogel Coating Revenue Market Share by Type (2020-2025)

Table 9. Global Functional Hydrogel Coating Sale Price by Type (2020-2025) & (US\$/Ton)

Table 10. Global Functional Hydrogel Coating Sale by Application (2020-2025) & (Tons)

Table 11. Global Functional Hydrogel Coating Sale Market Share by Application (2020-2025)

Table 12. Global Functional Hydrogel Coating Revenue by Application (2020-2025) & (\$ million)

Table 13. Global Functional Hydrogel Coating Revenue Market Share by Application (2020-2025)

Table 14. Global Functional Hydrogel Coating Sale Price by Application (2020-2025) & (US\$/Ton)

Table 15. Global Functional Hydrogel Coating Sales by Company (2020-2025) & (Tons)

Table 16. Global Functional Hydrogel Coating Sales Market Share by Company (2020-2025)

Table 17. Global Functional Hydrogel Coating Revenue by Company (2020-2025) & (\$ millions)

Table 18. Global Functional Hydrogel Coating Revenue Market Share by Company (2020-2025)

Table 19. Global Functional Hydrogel Coating Sale Price by Company (2020-2025) & (US\$/Ton)

Table 20. Key Manufacturers Functional Hydrogel Coating Producing Area Distribution and Sales Area

Table 21. Players Functional Hydrogel Coating Products Offered

Table 22. Functional Hydrogel Coating Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global Functional Hydrogel Coating Sales by Geographic Region (2020-2025) & (Tons)

Table 26. Global Functional Hydrogel Coating Sales Market Share Geographic Region (2020-2025)

Table 27. Global Functional Hydrogel Coating Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 28. Global Functional Hydrogel Coating Revenue Market Share by Geographic Region (2020-2025)

Table 29. Global Functional Hydrogel Coating Sales by Country/Region (2020-2025) & (Tons)

Table 30. Global Functional Hydrogel Coating Sales Market Share by Country/Region (2020-2025)

Table 31. Global Functional Hydrogel Coating Revenue by Country/Region (2020-2025) & (\$ millions)

Table 32. Global Functional Hydrogel Coating Revenue Market Share by Country/Region (2020-2025)

Table 33. Americas Functional Hydrogel Coating Sales by Country (2020-2025) & (Tons)

Table 34. Americas Functional Hydrogel Coating Sales Market Share by Country (2020-2025)

Table 35. Americas Functional Hydrogel Coating Revenue by Country (2020-2025) & (\$ millions)

Table 36. Americas Functional Hydrogel Coating Sales by Type (2020-2025) & (Tons)

Table 37. Americas Functional Hydrogel Coating Sales by Application (2020-2025) & (Tons)

Table 38. APAC Functional Hydrogel Coating Sales by Region (2020-2025) & (Tons)

Table 39. APAC Functional Hydrogel Coating Sales Market Share by Region (2020-2025)

Table 40. APAC Functional Hydrogel Coating Revenue by Region (2020-2025) & (\$ millions)

Table 41. APAC Functional Hydrogel Coating Sales by Type (2020-2025) & (Tons)

Table 42. APAC Functional Hydrogel Coating Sales by Application (2020-2025) & (Tons)

Table 43. Europe Functional Hydrogel Coating Sales by Country (2020-2025) & (Tons)

Table 44. Europe Functional Hydrogel Coating Revenue by Country (2020-2025) & (\$

millions)

Table 45. Europe Functional Hydrogel Coating Sales by Type (2020-2025) & (Tons)

Table 46. Europe Functional Hydrogel Coating Sales by Application (2020-2025) & (Tons)

Table 47. Middle East & Africa Functional Hydrogel Coating Sales by Country (2020-2025) & (Tons)

Table 48. Middle East & Africa Functional Hydrogel Coating Revenue Market Share by Country (2020-2025)

Table 49. Middle East & Africa Functional Hydrogel Coating Sales by Type (2020-2025) & (Tons)

Table 50. Middle East & Africa Functional Hydrogel Coating Sales by Application (2020-2025) & (Tons)

Table 51. Key Market Drivers & Growth Opportunities of Functional Hydrogel Coating

Table 52. Key Market Challenges & Risks of Functional Hydrogel Coating

Table 53. Key Industry Trends of Functional Hydrogel Coating

Table 54. Functional Hydrogel Coating Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Functional Hydrogel Coating Distributors List

Table 57. Functional Hydrogel Coating Customer List

Table 58. Global Functional Hydrogel Coating Sales Forecast by Region (2026-2031) & (Tons)

Table 59. Global Functional Hydrogel Coating Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 60. Americas Functional Hydrogel Coating Sales Forecast by Country (2026-2031) & (Tons)

Table 61. Americas Functional Hydrogel Coating Annual Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 62. APAC Functional Hydrogel Coating Sales Forecast by Region (2026-2031) & (Tons)

Table 63. APAC Functional Hydrogel Coating Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 64. Europe Functional Hydrogel Coating Sales Forecast by Country (2026-2031) & (Tons)

Table 65. Europe Functional Hydrogel Coating Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 66. Middle East & Africa Functional Hydrogel Coating Sales Forecast by Country (2026-2031) & (Tons)

Table 67. Middle East & Africa Functional Hydrogel Coating Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 68. Global Functional Hydrogel Coating Sales Forecast by Type (2026-2031) & (Tons)

Table 69. Global Functional Hydrogel Coating Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 70. Global Functional Hydrogel Coating Sales Forecast by Application (2026-2031) & (Tons)

Table 71. Global Functional Hydrogel Coating Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 72. DSM Biomedical Basic Information, Functional Hydrogel Coating Manufacturing Base, Sales Area and Its Competitors

Table 73. DSM Biomedical Functional Hydrogel Coating Product Portfolios and Specifications

Table 74. DSM Biomedical Functional Hydrogel Coating Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 75. DSM Biomedical Main Business

Table 76. DSM Biomedical Latest Developments

Table 77. Surmodics Basic Information, Functional Hydrogel Coating Manufacturing Base, Sales Area and Its Competitors

Table 78. Surmodics Functional Hydrogel Coating Product Portfolios and Specifications

Table 79. Surmodics Functional Hydrogel Coating Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 80. Surmodics Main Business

Table 81. Surmodics Latest Developments

Table 82. Biocoat Basic Information, Functional Hydrogel Coating Manufacturing Base, Sales Area and Its Competitors

Table 83. Biocoat Functional Hydrogel Coating Product Portfolios and Specifications

Table 84. Biocoat Functional Hydrogel Coating Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 85. Biocoat Main Business

Table 86. Biocoat Latest Developments

Table 87. Coatings2Go Basic Information, Functional Hydrogel Coating Manufacturing Base, Sales Area and Its Competitors

Table 88. Coatings2Go Functional Hydrogel Coating Product Portfolios and Specifications

Table 89. Coatings2Go Functional Hydrogel Coating Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 90. Coatings2Go Main Business

Table 91. Coatings2Go Latest Developments

Table 92. Hydromer Basic Information, Functional Hydrogel Coating Manufacturing

Base, Sales Area and Its Competitors

Table 93. Hydromer Functional Hydrogel Coating Product Portfolios and Specifications

Table 94. Hydromer Functional Hydrogel Coating Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 95. Hydromer Main Business

Table 96. Hydromer Latest Developments

Table 97. Harland Medical Systems Basic Information, Functional Hydrogel Coating Manufacturing Base, Sales Area and Its Competitors

Table 98. Harland Medical Systems Functional Hydrogel Coating Product Portfolios and Specifications

Table 99. Harland Medical Systems Functional Hydrogel Coating Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 100. Harland Medical Systems Main Business

Table 101. Harland Medical Systems Latest Developments

Table 102. AST Products Basic Information, Functional Hydrogel Coating Manufacturing Base, Sales Area and Its Competitors

Table 103. AST Products Functional Hydrogel Coating Product Portfolios and Specifications

Table 104. AST Products Functional Hydrogel Coating Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 105. AST Products Main Business

Table 106. AST Products Latest Developments

Table 107. Surface Solutions Group Basic Information, Functional Hydrogel Coating Manufacturing Base, Sales Area and Its Competitors

Table 108. Surface Solutions Group Functional Hydrogel Coating Product Portfolios and Specifications

Table 109. Surface Solutions Group Functional Hydrogel Coating Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 110. Surface Solutions Group Main Business

Table 111. Surface Solutions Group Latest Developments

Table 112. ISurTec Basic Information, Functional Hydrogel Coating Manufacturing Base, Sales Area and Its Competitors

Table 113. ISurTec Functional Hydrogel Coating Product Portfolios and Specifications

Table 114. ISurTec Functional Hydrogel Coating Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 115. ISurTec Main Business

Table 116. ISurTec Latest Developments

Table 117. AdvanSource Biomaterials Basic Information, Functional Hydrogel Coating Manufacturing Base, Sales Area and Its Competitors

Table 118. AdvanSource Biomaterials Functional Hydrogel Coating Product Portfolios and Specifications

Table 119. AdvanSource Biomaterials Functional Hydrogel Coating Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 120. AdvanSource Biomaterials Main Business

Table 121. AdvanSource Biomaterials Latest Developments

Table 122. Teleflex Basic Information, Functional Hydrogel Coating Manufacturing Base, Sales Area and Its Competitors

Table 123. Teleflex Functional Hydrogel Coating Product Portfolios and Specifications

Table 124. Teleflex Functional Hydrogel Coating Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 125. Teleflex Main Business

Table 126. Teleflex Latest Developments

Table 127. Argon Medical Basic Information, Functional Hydrogel Coating Manufacturing Base, Sales Area and Its Competitors

Table 128. Argon Medical Functional Hydrogel Coating Product Portfolios and Specifications

Table 129. Argon Medical Functional Hydrogel Coating Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 130. Argon Medical Main Business

Table 131. Argon Medical Latest Developments

Table 132. Medichem Basic Information, Functional Hydrogel Coating Manufacturing Base, Sales Area and Its Competitors

Table 133. Medichem Functional Hydrogel Coating Product Portfolios and Specifications

Table 134. Medichem Functional Hydrogel Coating Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 135. Medichem Main Business

Table 136. Medichem Latest Developments

Table 137. JMedtech Basic Information, Functional Hydrogel Coating Manufacturing Base, Sales Area and Its Competitors

Table 138. JMedtech Functional Hydrogel Coating Product Portfolios and Specifications

Table 139. JMedtech Functional Hydrogel Coating Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 140. JMedtech Main Business

Table 141. JMedtech Latest Developments

Table 142. 3M Basic Information, Functional Hydrogel Coating Manufacturing Base, Sales Area and Its Competitors

Table 143. 3M Functional Hydrogel Coating Product Portfolios and Specifications

Table 144. 3M Functional Hydrogel Coating Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 145. 3M Main Business

Table 146. 3M Latest Developments

Table 147. Akzo Nobel Basic Information, Functional Hydrogel Coating Manufacturing Base, Sales Area and Its Competitors

Table 148. Akzo Nobel Functional Hydrogel Coating Product Portfolios and Specifications

Table 149. Akzo Nobel Functional Hydrogel Coating Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 150. Akzo Nobel Main Business

Table 151. Akzo Nobel Latest Developments

Table 152. PPG Industries Basic Information, Functional Hydrogel Coating Manufacturing Base, Sales Area and Its Competitors

Table 153. PPG Industries Functional Hydrogel Coating Product Portfolios and Specifications

Table 154. PPG Industries Functional Hydrogel Coating Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 155. PPG Industries Main Business

Table 156. PPG Industries Latest Developments

Table 157. SCHOTT Basic Information, Functional Hydrogel Coating Manufacturing Base, Sales Area and Its Competitors

Table 158. SCHOTT Functional Hydrogel Coating Product Portfolios and Specifications

Table 159. SCHOTT Functional Hydrogel Coating Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 160. SCHOTT Main Business

Table 161. SCHOTT Latest Developments

Table 162. SOCOMORE Basic Information, Functional Hydrogel Coating Manufacturing Base, Sales Area and Its Competitors

Table 163. SOCOMORE Functional Hydrogel Coating Product Portfolios and Specifications

Table 164. SOCOMORE Functional Hydrogel Coating Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 165. SOCOMORE Main Business

Table 166. SOCOMORE Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Functional Hydrogel Coating
- Figure 2. Functional Hydrogel Coating Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Functional Hydrogel Coating Sales Growth Rate 2020-2031 (Tons)
- Figure 7. Global Functional Hydrogel Coating Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. Functional Hydrogel Coating Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. Functional Hydrogel Coating Sales Market Share by Country/Region (2024)
- Figure 10. Functional Hydrogel Coating Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of Medical Use
- Figure 12. Product Picture of Non-Medical Use
- Figure 13. Global Functional Hydrogel Coating Sales Market Share by Type in 2025
- Figure 14. Global Functional Hydrogel Coating Revenue Market Share by Type (2020-2025)
- Figure 15. Functional Hydrogel Coating Consumed in Medicine
- Figure 16. Global Functional Hydrogel Coating Market: Medicine (2020-2025) & (Tons)
- Figure 17. Functional Hydrogel Coating Consumed in Medical Instruments
- Figure 18. Global Functional Hydrogel Coating Market: Medical Instruments (2020-2025) & (Tons)
- Figure 19. Functional Hydrogel Coating Consumed in Electronic
- Figure 20. Global Functional Hydrogel Coating Market: Electronic (2020-2025) & (Tons)
- Figure 21. Functional Hydrogel Coating Consumed in Semiconductor
- Figure 22. Global Functional Hydrogel Coating Market: Semiconductor (2020-2025) & (Tons)
- Figure 23. Functional Hydrogel Coating Consumed in Chemical
- Figure 24. Global Functional Hydrogel Coating Market: Chemical (2020-2025) & (Tons)
- Figure 25. Functional Hydrogel Coating Consumed in Machinery
- Figure 26. Global Functional Hydrogel Coating Market: Machinery (2020-2025) & (Tons)
- Figure 27. Global Functional Hydrogel Coating Sale Market Share by Application (2024)
- Figure 28. Global Functional Hydrogel Coating Revenue Market Share by Application in 2025

- Figure 29. Functional Hydrogel Coating Sales by Company in 2025 (Tons)
- Figure 30. Global Functional Hydrogel Coating Sales Market Share by Company in 2025
- Figure 31. Functional Hydrogel Coating Revenue by Company in 2025 (\$ millions)
- Figure 32. Global Functional Hydrogel Coating Revenue Market Share by Company in 2025
- Figure 33. Global Functional Hydrogel Coating Sales Market Share by Geographic Region (2020-2025)
- Figure 34. Global Functional Hydrogel Coating Revenue Market Share by Geographic Region in 2025
- Figure 35. Americas Functional Hydrogel Coating Sales 2020-2025 (Tons)
- Figure 36. Americas Functional Hydrogel Coating Revenue 2020-2025 (\$ millions)
- Figure 37. APAC Functional Hydrogel Coating Sales 2020-2025 (Tons)
- Figure 38. APAC Functional Hydrogel Coating Revenue 2020-2025 (\$ millions)
- Figure 39. Europe Functional Hydrogel Coating Sales 2020-2025 (Tons)
- Figure 40. Europe Functional Hydrogel Coating Revenue 2020-2025 (\$ millions)
- Figure 41. Middle East & Africa Functional Hydrogel Coating Sales 2020-2025 (Tons)
- Figure 42. Middle East & Africa Functional Hydrogel Coating Revenue 2020-2025 (\$ millions)
- Figure 43. Americas Functional Hydrogel Coating Sales Market Share by Country in 2025
- Figure 44. Americas Functional Hydrogel Coating Revenue Market Share by Country (2020-2025)
- Figure 45. Americas Functional Hydrogel Coating Sales Market Share by Type (2020-2025)
- Figure 46. Americas Functional Hydrogel Coating Sales Market Share by Application (2020-2025)
- Figure 47. United States Functional Hydrogel Coating Revenue Growth 2020-2025 (\$ millions)
- Figure 48. Canada Functional Hydrogel Coating Revenue Growth 2020-2025 (\$ millions)
- Figure 49. Mexico Functional Hydrogel Coating Revenue Growth 2020-2025 (\$ millions)
- Figure 50. Brazil Functional Hydrogel Coating Revenue Growth 2020-2025 (\$ millions)
- Figure 51. APAC Functional Hydrogel Coating Sales Market Share by Region in 2025
- Figure 52. APAC Functional Hydrogel Coating Revenue Market Share by Region (2020-2025)
- Figure 53. APAC Functional Hydrogel Coating Sales Market Share by Type (2020-2025)
- Figure 54. APAC Functional Hydrogel Coating Sales Market Share by Application

(2020-2025)

Figure 55. China Functional Hydrogel Coating Revenue Growth 2020-2025 (\$ millions)

Figure 56. Japan Functional Hydrogel Coating Revenue Growth 2020-2025 (\$ millions)

Figure 57. South Korea Functional Hydrogel Coating Revenue Growth 2020-2025 (\$ millions)

Figure 58. Southeast Asia Functional Hydrogel Coating Revenue Growth 2020-2025 (\$ millions)

Figure 59. India Functional Hydrogel Coating Revenue Growth 2020-2025 (\$ millions)

Figure 60. Australia Functional Hydrogel Coating Revenue Growth 2020-2025 (\$ millions)

Figure 61. China Taiwan Functional Hydrogel Coating Revenue Growth 2020-2025 (\$ millions)

Figure 62. Europe Functional Hydrogel Coating Sales Market Share by Country in 2025

Figure 63. Europe Functional Hydrogel Coating Revenue Market Share by Country (2020-2025)

Figure 64. Europe Functional Hydrogel Coating Sales Market Share by Type (2020-2025)

Figure 65. Europe Functional Hydrogel Coating Sales Market Share by Application (2020-2025)

Figure 66. Germany Functional Hydrogel Coating Revenue Growth 2020-2025 (\$ millions)

Figure 67. France Functional Hydrogel Coating Revenue Growth 2020-2025 (\$ millions)

Figure 68. UK Functional Hydrogel Coating Revenue Growth 2020-2025 (\$ millions)

Figure 69. Italy Functional Hydrogel Coating Revenue Growth 2020-2025 (\$ millions)

Figure 70. Russia Functional Hydrogel Coating Revenue Growth 2020-2025 (\$ millions)

Figure 71. Middle East & Africa Functional Hydrogel Coating Sales Market Share by Country (2020-2025)

Figure 72. Middle East & Africa Functional Hydrogel Coating Sales Market Share by Type (2020-2025)

Figure 73. Middle East & Africa Functional Hydrogel Coating Sales Market Share by Application (2020-2025)

Figure 74. Egypt Functional Hydrogel Coating Revenue Growth 2020-2025 (\$ millions)

Figure 75. South Africa Functional Hydrogel Coating Revenue Growth 2020-2025 (\$ millions)

Figure 76. Israel Functional Hydrogel Coating Revenue Growth 2020-2025 (\$ millions)

Figure 77. Turkey Functional Hydrogel Coating Revenue Growth 2020-2025 (\$ millions)

Figure 78. GCC Countries Functional Hydrogel Coating Revenue Growth 2020-2025 (\$ millions)

Figure 79. Manufacturing Cost Structure Analysis of Functional Hydrogel Coating in

2025

Figure 80. Manufacturing Process Analysis of Functional Hydrogel Coating

Figure 81. Industry Chain Structure of Functional Hydrogel Coating

Figure 82. Channels of Distribution

Figure 83. Global Functional Hydrogel Coating Sales Market Forecast by Region (2026-2031)

Figure 84. Global Functional Hydrogel Coating Revenue Market Share Forecast by Region (2026-2031)

Figure 85. Global Functional Hydrogel Coating Sales Market Share Forecast by Type (2026-2031)

Figure 86. Global Functional Hydrogel Coating Revenue Market Share Forecast by Type (2026-2031)

Figure 87. Global Functional Hydrogel Coating Sales Market Share Forecast by Application (2026-2031)

Figure 88. Global Functional Hydrogel Coating Revenue Market Share Forecast by Application (2026-2031)

## I would like to order

Product name: Global Functional Hydrogel Coating Market Growth 2025-2031

Product link: <https://marketpublishers.com/r/G1FAFEF6B95AEN.html>

Price: US\$ 3,660.00 (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/G1FAFEF6B95AEN.html>