

Global 3D Hydrogel Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/GE65261F3531EN.html>

Date: November 2025

Pages: 143

Price: US\$ 3,480.00 (Single User License)

ID: GE65261F3531EN

Abstracts

According to our (Global Info Research) latest study, the global 3D Hydrogel market size was valued at US\$ 538 million in 2024 and is forecast to a readjusted size of USD 787 million by 2031 with a CAGR of 5.6% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

3D hydrogel is a type of three-dimensional network structure biomaterial formed by chemical or physical cross-linking of hydrophilic polymer chains. It contains a large amount of water (the water content can range from 1% to 99%) and can swell significantly in aqueous solution without dissolving, while maintaining a stable three-dimensional conformation. This material has both the flexibility similar to natural tissue and the adjustable physical and chemical properties. Its porous structure allows solute molecules to diffuse freely, and its mechanical properties can be precisely regulated from soft gel to high-strength scaffold through cross-linking density, polymer molecular weight and nanofiller composite, providing a bionic microenvironment for cells.

This report is a detailed and comprehensive analysis for global 3D Hydrogel 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 3D Hydrogel market size and forecasts, in consumption value (\$ Million), sales quantity (Kg), and average selling prices (US\$/g), 2020-2031

Global 3D Hydrogel market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kg), and average selling prices (US\$/g), 2020-2031

Global 3D Hydrogel market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kg), and average selling prices (US\$/g), 2020-2031

Global 3D Hydrogel market shares of main players, shipments in revenue (\$ Million), sales quantity (Kg), and ASP (US\$/g), 2020-2025

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 3D Hydrogel

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 3D Hydrogel 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 Merck, PanaceaGel, Advanced BioMatrix, Cellendes, AMSBIO, Corning, Manchester BIOGEL, TheWell Bioscience, Global Cell Solutions, AMS Biotechnology, etc.

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

Market Segmentation

3D Hydrogel market is split by Type and by Application. For the period 2020-2031, 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 segment by Type

Natural

Synthetic

Market segment by Application

Medical and Tissue Engineering

Drug Development

3D Bioprinting

Other

Major players covered

Merck

PanaceaGel

Advanced BioMatrix

Cellendes

AMSBIO

Corning

Manchester BIOGEL

TheWell Bioscience

Global Cell Solutions

AMS Biotechnology

3D Biotek

Reinnervate

Suzhou Natong Bio

Qingdao Medicon Bio

Shenzhen BGI

Changchun Jiyuan Biotechnology

Huizhou Huayang Medical Devices

Haining Demai Biotechnology

Shanghai Ruining Biotechnology

Shenzhen Huanuo Biotechnology

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)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe 3D Hydrogel product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of 3D Hydrogel, with price, sales quantity, revenue, and global market share of 3D Hydrogel from 2020 to 2025.

Chapter 3, the 3D Hydrogel competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the 3D Hydrogel breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

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 2020 to 2031.

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 2020 to 2025. and 3D Hydrogel market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 3D Hydrogel.

Chapter 14 and 15, to describe 3D Hydrogel sales channel, distributors, customers, research findings and conclusion.

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 3D Hydrogel Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Natural

1.3.3 Synthetic

1.4 Market Analysis by Application

1.4.1 Overview: Global 3D Hydrogel Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Medical and Tissue Engineering

1.4.3 Drug Development

1.4.4 3D Bioprinting

1.4.5 Other

1.5 Global 3D Hydrogel Market Size & Forecast

1.5.1 Global 3D Hydrogel Consumption Value (2020 & 2024 & 2031)

1.5.2 Global 3D Hydrogel Sales Quantity (2020-2031)

1.5.3 Global 3D Hydrogel Average Price (2020-2031)

2 MANUFACTURERS PROFILES

2.1 Merck

2.1.1 Merck Details

2.1.2 Merck Major Business

2.1.3 Merck 3D Hydrogel Product and Services

2.1.4 Merck 3D Hydrogel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Merck Recent Developments/Updates

2.2 PanaceaGel

2.2.1 PanaceaGel Details

2.2.2 PanaceaGel Major Business

2.2.3 PanaceaGel 3D Hydrogel Product and Services

2.2.4 PanaceaGel 3D Hydrogel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.2.5 PanaceaGel Recent Developments/Updates

2.3 Advanced BioMatrix

2.3.1 Advanced BioMatrix Details

2.3.2 Advanced BioMatrix Major Business

2.3.3 Advanced BioMatrix 3D Hydrogel Product and Services

2.3.4 Advanced BioMatrix 3D Hydrogel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.3.5 Advanced BioMatrix Recent Developments/Updates

2.4 Cellendes

2.4.1 Cellendes Details

2.4.2 Cellendes Major Business

2.4.3 Cellendes 3D Hydrogel Product and Services

2.4.4 Cellendes 3D Hydrogel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.4.5 Cellendes Recent Developments/Updates

2.5 AMSBIO

2.5.1 AMSBIO Details

2.5.2 AMSBIO Major Business

2.5.3 AMSBIO 3D Hydrogel Product and Services

2.5.4 AMSBIO 3D Hydrogel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.5.5 AMSBIO Recent Developments/Updates

2.6 Corning

2.6.1 Corning Details

2.6.2 Corning Major Business

2.6.3 Corning 3D Hydrogel Product and Services

2.6.4 Corning 3D Hydrogel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.6.5 Corning Recent Developments/Updates

2.7 Manchester BIOGEL

2.7.1 Manchester BIOGEL Details

2.7.2 Manchester BIOGEL Major Business

2.7.3 Manchester BIOGEL 3D Hydrogel Product and Services

2.7.4 Manchester BIOGEL 3D Hydrogel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.7.5 Manchester BIOGEL Recent Developments/Updates

2.8 TheWell Bioscience

2.8.1 TheWell Bioscience Details

2.8.2 TheWell Bioscience Major Business

2.8.3 TheWell Bioscience 3D Hydrogel Product and Services

2.8.4 TheWell Bioscience 3D Hydrogel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.8.5 TheWell Bioscience Recent Developments/Updates

2.9 Global Cell Solutions

2.9.1 Global Cell Solutions Details

2.9.2 Global Cell Solutions Major Business

2.9.3 Global Cell Solutions 3D Hydrogel Product and Services

2.9.4 Global Cell Solutions 3D Hydrogel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.9.5 Global Cell Solutions Recent Developments/Updates

2.10 AMS Biotechnology

2.10.1 AMS Biotechnology Details

2.10.2 AMS Biotechnology Major Business

2.10.3 AMS Biotechnology 3D Hydrogel Product and Services

2.10.4 AMS Biotechnology 3D Hydrogel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.10.5 AMS Biotechnology Recent Developments/Updates

2.11 3D Biotek

2.11.1 3D Biotek Details

2.11.2 3D Biotek Major Business

2.11.3 3D Biotek 3D Hydrogel Product and Services

2.11.4 3D Biotek 3D Hydrogel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.11.5 3D Biotek Recent Developments/Updates

2.12 Reinnervate

2.12.1 Reinnervate Details

2.12.2 Reinnervate Major Business

2.12.3 Reinnervate 3D Hydrogel Product and Services

2.12.4 Reinnervate 3D Hydrogel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.12.5 Reinnervate Recent Developments/Updates

2.13 Suzhou Natong Bio

2.13.1 Suzhou Natong Bio Details

2.13.2 Suzhou Natong Bio Major Business

2.13.3 Suzhou Natong Bio 3D Hydrogel Product and Services

2.13.4 Suzhou Natong Bio 3D Hydrogel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.13.5 Suzhou Natong Bio Recent Developments/Updates

2.14 Qingdao Medicon Bio

- 2.14.1 Qingdao Medicon Bio Details
- 2.14.2 Qingdao Medicon Bio Major Business
- 2.14.3 Qingdao Medicon Bio 3D Hydrogel Product and Services
- 2.14.4 Qingdao Medicon Bio 3D Hydrogel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.14.5 Qingdao Medicon Bio Recent Developments/Updates
- 2.15 Shenzhen BGI
 - 2.15.1 Shenzhen BGI Details
 - 2.15.2 Shenzhen BGI Major Business
 - 2.15.3 Shenzhen BGI 3D Hydrogel Product and Services
 - 2.15.4 Shenzhen BGI 3D Hydrogel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.15.5 Shenzhen BGI Recent Developments/Updates
- 2.16 Changchun Jiyuan Biotechnology
 - 2.16.1 Changchun Jiyuan Biotechnology Details
 - 2.16.2 Changchun Jiyuan Biotechnology Major Business
 - 2.16.3 Changchun Jiyuan Biotechnology 3D Hydrogel Product and Services
 - 2.16.4 Changchun Jiyuan Biotechnology 3D Hydrogel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.16.5 Changchun Jiyuan Biotechnology Recent Developments/Updates
- 2.17 Huizhou Huayang Medical Devices
 - 2.17.1 Huizhou Huayang Medical Devices Details
 - 2.17.2 Huizhou Huayang Medical Devices Major Business
 - 2.17.3 Huizhou Huayang Medical Devices 3D Hydrogel Product and Services
 - 2.17.4 Huizhou Huayang Medical Devices 3D Hydrogel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.17.5 Huizhou Huayang Medical Devices Recent Developments/Updates
- 2.18 Haining Demai Biotechnology
 - 2.18.1 Haining Demai Biotechnology Details
 - 2.18.2 Haining Demai Biotechnology Major Business
 - 2.18.3 Haining Demai Biotechnology 3D Hydrogel Product and Services
 - 2.18.4 Haining Demai Biotechnology 3D Hydrogel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.18.5 Haining Demai Biotechnology Recent Developments/Updates
- 2.19 Shanghai Ruining Biotechnology
 - 2.19.1 Shanghai Ruining Biotechnology Details
 - 2.19.2 Shanghai Ruining Biotechnology Major Business
 - 2.19.3 Shanghai Ruining Biotechnology 3D Hydrogel Product and Services
 - 2.19.4 Shanghai Ruining Biotechnology 3D Hydrogel Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2020-2025)

2.19.5 Shanghai Ruining Biotechnology Recent Developments/Updates

2.20 Shenzhen Huanuo Biotechnology

2.20.1 Shenzhen Huanuo Biotechnology Details

2.20.2 Shenzhen Huanuo Biotechnology Major Business

2.20.3 Shenzhen Huanuo Biotechnology 3D Hydrogel Product and Services

2.20.4 Shenzhen Huanuo Biotechnology 3D Hydrogel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.20.5 Shenzhen Huanuo Biotechnology Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: 3D HYDROGEL BY MANUFACTURER

3.1 Global 3D Hydrogel Sales Quantity by Manufacturer (2020-2025)

3.2 Global 3D Hydrogel Revenue by Manufacturer (2020-2025)

3.3 Global 3D Hydrogel Average Price by Manufacturer (2020-2025)

3.4 Market Share Analysis (2024)

3.4.1 Producer Shipments of 3D Hydrogel by Manufacturer Revenue (\$MM) and Market Share (%): 2024

3.4.2 Top 3 3D Hydrogel Manufacturer Market Share in 2024

3.4.3 Top 6 3D Hydrogel Manufacturer Market Share in 2024

3.5 3D Hydrogel Market: Overall Company Footprint Analysis

3.5.1 3D Hydrogel Market: Region Footprint

3.5.2 3D Hydrogel Market: Company Product Type Footprint

3.5.3 3D Hydrogel 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 3D Hydrogel Market Size by Region

4.1.1 Global 3D Hydrogel Sales Quantity by Region (2020-2031)

4.1.2 Global 3D Hydrogel Consumption Value by Region (2020-2031)

4.1.3 Global 3D Hydrogel Average Price by Region (2020-2031)

4.2 North America 3D Hydrogel Consumption Value (2020-2031)

4.3 Europe 3D Hydrogel Consumption Value (2020-2031)

4.4 Asia-Pacific 3D Hydrogel Consumption Value (2020-2031)

4.5 South America 3D Hydrogel Consumption Value (2020-2031)

4.6 Middle East & Africa 3D Hydrogel Consumption Value (2020-2031)

5 MARKET SEGMENT BY TYPE

- 5.1 Global 3D Hydrogel Sales Quantity by Type (2020-2031)
- 5.2 Global 3D Hydrogel Consumption Value by Type (2020-2031)
- 5.3 Global 3D Hydrogel Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global 3D Hydrogel Sales Quantity by Application (2020-2031)
- 6.2 Global 3D Hydrogel Consumption Value by Application (2020-2031)
- 6.3 Global 3D Hydrogel Average Price by Application (2020-2031)

7 NORTH AMERICA

- 7.1 North America 3D Hydrogel Sales Quantity by Type (2020-2031)
- 7.2 North America 3D Hydrogel Sales Quantity by Application (2020-2031)
- 7.3 North America 3D Hydrogel Market Size by Country
 - 7.3.1 North America 3D Hydrogel Sales Quantity by Country (2020-2031)
 - 7.3.2 North America 3D Hydrogel Consumption Value by Country (2020-2031)
 - 7.3.3 United States Market Size and Forecast (2020-2031)
 - 7.3.4 Canada Market Size and Forecast (2020-2031)
 - 7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

- 8.1 Europe 3D Hydrogel Sales Quantity by Type (2020-2031)
- 8.2 Europe 3D Hydrogel Sales Quantity by Application (2020-2031)
- 8.3 Europe 3D Hydrogel Market Size by Country
 - 8.3.1 Europe 3D Hydrogel Sales Quantity by Country (2020-2031)
 - 8.3.2 Europe 3D Hydrogel Consumption Value by Country (2020-2031)
 - 8.3.3 Germany Market Size and Forecast (2020-2031)
 - 8.3.4 France Market Size and Forecast (2020-2031)
 - 8.3.5 United Kingdom Market Size and Forecast (2020-2031)
 - 8.3.6 Russia Market Size and Forecast (2020-2031)
 - 8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific 3D Hydrogel Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific 3D Hydrogel Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific 3D Hydrogel Market Size by Region

9.3.1 Asia-Pacific 3D Hydrogel Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific 3D Hydrogel Consumption Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

10.1 South America 3D Hydrogel Sales Quantity by Type (2020-2031)

10.2 South America 3D Hydrogel Sales Quantity by Application (2020-2031)

10.3 South America 3D Hydrogel Market Size by Country

10.3.1 South America 3D Hydrogel Sales Quantity by Country (2020-2031)

10.3.2 South America 3D Hydrogel Consumption Value by Country (2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa 3D Hydrogel Sales Quantity by Type (2020-2031)

11.2 Middle East & Africa 3D Hydrogel Sales Quantity by Application (2020-2031)

11.3 Middle East & Africa 3D Hydrogel Market Size by Country

11.3.1 Middle East & Africa 3D Hydrogel Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa 3D Hydrogel Consumption Value by Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

11.3.4 Egypt Market Size and Forecast (2020-2031)

11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)

11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

12.1 3D Hydrogel Market Drivers

12.2 3D Hydrogel Market Restraints

12.3 3D Hydrogel 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 3D Hydrogel and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of 3D Hydrogel
- 13.3 3D Hydrogel Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 3D Hydrogel Typical Distributors
- 14.3 3D Hydrogel Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Global 3D Hydrogel Consumption Value by Type, (USD Million), 2020 & 2024 & 2031
- Table 2. Global 3D Hydrogel Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Table 3. Merck Basic Information, Manufacturing Base and Competitors
- Table 4. Merck Major Business
- Table 5. Merck 3D Hydrogel Product and Services
- Table 6. Merck 3D Hydrogel Sales Quantity (Kg), Average Price (US\$/g), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 7. Merck Recent Developments/Updates
- Table 8. PanaceaGel Basic Information, Manufacturing Base and Competitors
- Table 9. PanaceaGel Major Business
- Table 10. PanaceaGel 3D Hydrogel Product and Services
- Table 11. PanaceaGel 3D Hydrogel Sales Quantity (Kg), Average Price (US\$/g), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 12. PanaceaGel Recent Developments/Updates
- Table 13. Advanced BioMatrix Basic Information, Manufacturing Base and Competitors
- Table 14. Advanced BioMatrix Major Business
- Table 15. Advanced BioMatrix 3D Hydrogel Product and Services
- Table 16. Advanced BioMatrix 3D Hydrogel Sales Quantity (Kg), Average Price (US\$/g), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 17. Advanced BioMatrix Recent Developments/Updates
- Table 18. Cellendes Basic Information, Manufacturing Base and Competitors
- Table 19. Cellendes Major Business
- Table 20. Cellendes 3D Hydrogel Product and Services
- Table 21. Cellendes 3D Hydrogel Sales Quantity (Kg), Average Price (US\$/g), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 22. Cellendes Recent Developments/Updates
- Table 23. AMSBIO Basic Information, Manufacturing Base and Competitors
- Table 24. AMSBIO Major Business
- Table 25. AMSBIO 3D Hydrogel Product and Services
- Table 26. AMSBIO 3D Hydrogel Sales Quantity (Kg), Average Price (US\$/g), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 27. AMSBIO Recent Developments/Updates
- Table 28. Corning Basic Information, Manufacturing Base and Competitors

- Table 29. Corning Major Business
- Table 30. Corning 3D Hydrogel Product and Services
- Table 31. Corning 3D Hydrogel Sales Quantity (Kg), Average Price (US\$/g), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 32. Corning Recent Developments/Updates
- Table 33. Manchester BIOGEL Basic Information, Manufacturing Base and Competitors
- Table 34. Manchester BIOGEL Major Business
- Table 35. Manchester BIOGEL 3D Hydrogel Product and Services
- Table 36. Manchester BIOGEL 3D Hydrogel Sales Quantity (Kg), Average Price (US\$/g), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 37. Manchester BIOGEL Recent Developments/Updates
- Table 38. TheWell Bioscience Basic Information, Manufacturing Base and Competitors
- Table 39. TheWell Bioscience Major Business
- Table 40. TheWell Bioscience 3D Hydrogel Product and Services
- Table 41. TheWell Bioscience 3D Hydrogel Sales Quantity (Kg), Average Price (US\$/g), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 42. TheWell Bioscience Recent Developments/Updates
- Table 43. Global Cell Solutions Basic Information, Manufacturing Base and Competitors
- Table 44. Global Cell Solutions Major Business
- Table 45. Global Cell Solutions 3D Hydrogel Product and Services
- Table 46. Global Cell Solutions 3D Hydrogel Sales Quantity (Kg), Average Price (US\$/g), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 47. Global Cell Solutions Recent Developments/Updates
- Table 48. AMS Biotechnology Basic Information, Manufacturing Base and Competitors
- Table 49. AMS Biotechnology Major Business
- Table 50. AMS Biotechnology 3D Hydrogel Product and Services
- Table 51. AMS Biotechnology 3D Hydrogel Sales Quantity (Kg), Average Price (US\$/g), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 52. AMS Biotechnology Recent Developments/Updates
- Table 53. 3D Biotek Basic Information, Manufacturing Base and Competitors
- Table 54. 3D Biotek Major Business
- Table 55. 3D Biotek 3D Hydrogel Product and Services
- Table 56. 3D Biotek 3D Hydrogel Sales Quantity (Kg), Average Price (US\$/g), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 57. 3D Biotek Recent Developments/Updates
- Table 58. Reinnervate Basic Information, Manufacturing Base and Competitors
- Table 59. Reinnervate Major Business
- Table 60. Reinnervate 3D Hydrogel Product and Services
- Table 61. Reinnervate 3D Hydrogel Sales Quantity (Kg), Average Price (US\$/g),

Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 62. Reinnervate Recent Developments/Updates

Table 63. Suzhou Natong Bio Basic Information, Manufacturing Base and Competitors

Table 64. Suzhou Natong Bio Major Business

Table 65. Suzhou Natong Bio 3D Hydrogel Product and Services

Table 66. Suzhou Natong Bio 3D Hydrogel Sales Quantity (Kg), Average Price (US\$/g), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 67. Suzhou Natong Bio Recent Developments/Updates

Table 68. Qingdao Medicon Bio Basic Information, Manufacturing Base and Competitors

Table 69. Qingdao Medicon Bio Major Business

Table 70. Qingdao Medicon Bio 3D Hydrogel Product and Services

Table 71. Qingdao Medicon Bio 3D Hydrogel Sales Quantity (Kg), Average Price (US\$/g), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 72. Qingdao Medicon Bio Recent Developments/Updates

Table 73. Shenzhen BGI Basic Information, Manufacturing Base and Competitors

Table 74. Shenzhen BGI Major Business

Table 75. Shenzhen BGI 3D Hydrogel Product and Services

Table 76. Shenzhen BGI 3D Hydrogel Sales Quantity (Kg), Average Price (US\$/g), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 77. Shenzhen BGI Recent Developments/Updates

Table 78. Changchun Jiyuan Biotechnology Basic Information, Manufacturing Base and Competitors

Table 79. Changchun Jiyuan Biotechnology Major Business

Table 80. Changchun Jiyuan Biotechnology 3D Hydrogel Product and Services

Table 81. Changchun Jiyuan Biotechnology 3D Hydrogel Sales Quantity (Kg), Average Price (US\$/g), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 82. Changchun Jiyuan Biotechnology Recent Developments/Updates

Table 83. Huizhou Huayang Medical Devices Basic Information, Manufacturing Base and Competitors

Table 84. Huizhou Huayang Medical Devices Major Business

Table 85. Huizhou Huayang Medical Devices 3D Hydrogel Product and Services

Table 86. Huizhou Huayang Medical Devices 3D Hydrogel Sales Quantity (Kg), Average Price (US\$/g), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 87. Huizhou Huayang Medical Devices Recent Developments/Updates

Table 88. Haining Demai Biotechnology Basic Information, Manufacturing Base and Competitors

Table 89. Haining Demai Biotechnology Major Business

- Table 90. Haining Demai Biotechnology 3D Hydrogel Product and Services
- Table 91. Haining Demai Biotechnology 3D Hydrogel Sales Quantity (Kg), Average Price (US\$/g), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 92. Haining Demai Biotechnology Recent Developments/Updates
- Table 93. Shanghai Ruining Biotechnology Basic Information, Manufacturing Base and Competitors
- Table 94. Shanghai Ruining Biotechnology Major Business
- Table 95. Shanghai Ruining Biotechnology 3D Hydrogel Product and Services
- Table 96. Shanghai Ruining Biotechnology 3D Hydrogel Sales Quantity (Kg), Average Price (US\$/g), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 97. Shanghai Ruining Biotechnology Recent Developments/Updates
- Table 98. Shenzhen Huanuo Biotechnology Basic Information, Manufacturing Base and Competitors
- Table 99. Shenzhen Huanuo Biotechnology Major Business
- Table 100. Shenzhen Huanuo Biotechnology 3D Hydrogel Product and Services
- Table 101. Shenzhen Huanuo Biotechnology 3D Hydrogel Sales Quantity (Kg), Average Price (US\$/g), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 102. Shenzhen Huanuo Biotechnology Recent Developments/Updates
- Table 103. Global 3D Hydrogel Sales Quantity by Manufacturer (2020-2025) & (Kg)
- Table 104. Global 3D Hydrogel Revenue by Manufacturer (2020-2025) & (USD Million)
- Table 105. Global 3D Hydrogel Average Price by Manufacturer (2020-2025) & (US\$/g)
- Table 106. Market Position of Manufacturers in 3D Hydrogel, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024
- Table 107. Head Office and 3D Hydrogel Production Site of Key Manufacturer
- Table 108. 3D Hydrogel Market: Company Product Type Footprint
- Table 109. 3D Hydrogel Market: Company Product Application Footprint
- Table 110. 3D Hydrogel New Market Entrants and Barriers to Market Entry
- Table 111. 3D Hydrogel Mergers, Acquisition, Agreements, and Collaborations
- Table 112. Global 3D Hydrogel Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR
- Table 113. Global 3D Hydrogel Sales Quantity by Region (2020-2025) & (Kg)
- Table 114. Global 3D Hydrogel Sales Quantity by Region (2026-2031) & (Kg)
- Table 115. Global 3D Hydrogel Consumption Value by Region (2020-2025) & (USD Million)
- Table 116. Global 3D Hydrogel Consumption Value by Region (2026-2031) & (USD Million)
- Table 117. Global 3D Hydrogel Average Price by Region (2020-2025) & (US\$/g)
- Table 118. Global 3D Hydrogel Average Price by Region (2026-2031) & (US\$/g)
- Table 119. Global 3D Hydrogel Sales Quantity by Type (2020-2025) & (Kg)

- Table 120. Global 3D Hydrogel Sales Quantity by Type (2026-2031) & (Kg)
- Table 121. Global 3D Hydrogel Consumption Value by Type (2020-2025) & (USD Million)
- Table 122. Global 3D Hydrogel Consumption Value by Type (2026-2031) & (USD Million)
- Table 123. Global 3D Hydrogel Average Price by Type (2020-2025) & (US\$/g)
- Table 124. Global 3D Hydrogel Average Price by Type (2026-2031) & (US\$/g)
- Table 125. Global 3D Hydrogel Sales Quantity by Application (2020-2025) & (Kg)
- Table 126. Global 3D Hydrogel Sales Quantity by Application (2026-2031) & (Kg)
- Table 127. Global 3D Hydrogel Consumption Value by Application (2020-2025) & (USD Million)
- Table 128. Global 3D Hydrogel Consumption Value by Application (2026-2031) & (USD Million)
- Table 129. Global 3D Hydrogel Average Price by Application (2020-2025) & (US\$/g)
- Table 130. Global 3D Hydrogel Average Price by Application (2026-2031) & (US\$/g)
- Table 131. North America 3D Hydrogel Sales Quantity by Type (2020-2025) & (Kg)
- Table 132. North America 3D Hydrogel Sales Quantity by Type (2026-2031) & (Kg)
- Table 133. North America 3D Hydrogel Sales Quantity by Application (2020-2025) & (Kg)
- Table 134. North America 3D Hydrogel Sales Quantity by Application (2026-2031) & (Kg)
- Table 135. North America 3D Hydrogel Sales Quantity by Country (2020-2025) & (Kg)
- Table 136. North America 3D Hydrogel Sales Quantity by Country (2026-2031) & (Kg)
- Table 137. North America 3D Hydrogel Consumption Value by Country (2020-2025) & (USD Million)
- Table 138. North America 3D Hydrogel Consumption Value by Country (2026-2031) & (USD Million)
- Table 139. Europe 3D Hydrogel Sales Quantity by Type (2020-2025) & (Kg)
- Table 140. Europe 3D Hydrogel Sales Quantity by Type (2026-2031) & (Kg)
- Table 141. Europe 3D Hydrogel Sales Quantity by Application (2020-2025) & (Kg)
- Table 142. Europe 3D Hydrogel Sales Quantity by Application (2026-2031) & (Kg)
- Table 143. Europe 3D Hydrogel Sales Quantity by Country (2020-2025) & (Kg)
- Table 144. Europe 3D Hydrogel Sales Quantity by Country (2026-2031) & (Kg)
- Table 145. Europe 3D Hydrogel Consumption Value by Country (2020-2025) & (USD Million)
- Table 146. Europe 3D Hydrogel Consumption Value by Country (2026-2031) & (USD Million)
- Table 147. Asia-Pacific 3D Hydrogel Sales Quantity by Type (2020-2025) & (Kg)
- Table 148. Asia-Pacific 3D Hydrogel Sales Quantity by Type (2026-2031) & (Kg)

- Table 149. Asia-Pacific 3D Hydrogel Sales Quantity by Application (2020-2025) & (Kg)
- Table 150. Asia-Pacific 3D Hydrogel Sales Quantity by Application (2026-2031) & (Kg)
- Table 151. Asia-Pacific 3D Hydrogel Sales Quantity by Region (2020-2025) & (Kg)
- Table 152. Asia-Pacific 3D Hydrogel Sales Quantity by Region (2026-2031) & (Kg)
- Table 153. Asia-Pacific 3D Hydrogel Consumption Value by Region (2020-2025) & (USD Million)
- Table 154. Asia-Pacific 3D Hydrogel Consumption Value by Region (2026-2031) & (USD Million)
- Table 155. South America 3D Hydrogel Sales Quantity by Type (2020-2025) & (Kg)
- Table 156. South America 3D Hydrogel Sales Quantity by Type (2026-2031) & (Kg)
- Table 157. South America 3D Hydrogel Sales Quantity by Application (2020-2025) & (Kg)
- Table 158. South America 3D Hydrogel Sales Quantity by Application (2026-2031) & (Kg)
- Table 159. South America 3D Hydrogel Sales Quantity by Country (2020-2025) & (Kg)
- Table 160. South America 3D Hydrogel Sales Quantity by Country (2026-2031) & (Kg)
- Table 161. South America 3D Hydrogel Consumption Value by Country (2020-2025) & (USD Million)
- Table 162. South America 3D Hydrogel Consumption Value by Country (2026-2031) & (USD Million)
- Table 163. Middle East & Africa 3D Hydrogel Sales Quantity by Type (2020-2025) & (Kg)
- Table 164. Middle East & Africa 3D Hydrogel Sales Quantity by Type (2026-2031) & (Kg)
- Table 165. Middle East & Africa 3D Hydrogel Sales Quantity by Application (2020-2025) & (Kg)
- Table 166. Middle East & Africa 3D Hydrogel Sales Quantity by Application (2026-2031) & (Kg)
- Table 167. Middle East & Africa 3D Hydrogel Sales Quantity by Country (2020-2025) & (Kg)
- Table 168. Middle East & Africa 3D Hydrogel Sales Quantity by Country (2026-2031) & (Kg)
- Table 169. Middle East & Africa 3D Hydrogel Consumption Value by Country (2020-2025) & (USD Million)
- Table 170. Middle East & Africa 3D Hydrogel Consumption Value by Country (2026-2031) & (USD Million)
- Table 171. 3D Hydrogel Raw Material
- Table 172. Key Manufacturers of 3D Hydrogel Raw Materials
- Table 173. 3D Hydrogel Typical Distributors

Table 174. 3D Hydrogel Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. 3D Hydrogel Picture

Figure 2. Global 3D Hydrogel Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global 3D Hydrogel Revenue Market Share by Type in 2024

Figure 4. Natural Examples

Figure 5. Synthetic Examples

Figure 6. Global 3D Hydrogel Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 7. Global 3D Hydrogel Revenue Market Share by Application in 2024

Figure 8. Medical and Tissue Engineering Examples

Figure 9. Drug Development Examples

Figure 10. 3D Bioprinting Examples

Figure 11. Other Examples

Figure 12. Global 3D Hydrogel Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 13. Global 3D Hydrogel Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 14. Global 3D Hydrogel Sales Quantity (2020-2031) & (Kg)

Figure 15. Global 3D Hydrogel Price (2020-2031) & (US\$/g)

Figure 16. Global 3D Hydrogel Sales Quantity Market Share by Manufacturer in 2024

Figure 17. Global 3D Hydrogel Revenue Market Share by Manufacturer in 2024

Figure 18. Producer Shipments of 3D Hydrogel by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 19. Top 3 3D Hydrogel Manufacturer (Revenue) Market Share in 2024

Figure 20. Top 6 3D Hydrogel Manufacturer (Revenue) Market Share in 2024

Figure 21. Global 3D Hydrogel Sales Quantity Market Share by Region (2020-2031)

Figure 22. Global 3D Hydrogel Consumption Value Market Share by Region (2020-2031)

Figure 23. North America 3D Hydrogel Consumption Value (2020-2031) & (USD Million)

Figure 24. Europe 3D Hydrogel Consumption Value (2020-2031) & (USD Million)

Figure 25. Asia-Pacific 3D Hydrogel Consumption Value (2020-2031) & (USD Million)

Figure 26. South America 3D Hydrogel Consumption Value (2020-2031) & (USD Million)

Figure 27. Middle East & Africa 3D Hydrogel Consumption Value (2020-2031) & (USD Million)

Figure 28. Global 3D Hydrogel Sales Quantity Market Share by Type (2020-2031)

Figure 29. Global 3D Hydrogel Consumption Value Market Share by Type (2020-2031)

- Figure 30. Global 3D Hydrogel Average Price by Type (2020-2031) & (US\$/g)
- Figure 31. Global 3D Hydrogel Sales Quantity Market Share by Application (2020-2031)
- Figure 32. Global 3D Hydrogel Revenue Market Share by Application (2020-2031)
- Figure 33. Global 3D Hydrogel Average Price by Application (2020-2031) & (US\$/g)
- Figure 34. North America 3D Hydrogel Sales Quantity Market Share by Type (2020-2031)
- Figure 35. North America 3D Hydrogel Sales Quantity Market Share by Application (2020-2031)
- Figure 36. North America 3D Hydrogel Sales Quantity Market Share by Country (2020-2031)
- Figure 37. North America 3D Hydrogel Consumption Value Market Share by Country (2020-2031)
- Figure 38. United States 3D Hydrogel Consumption Value (2020-2031) & (USD Million)
- Figure 39. Canada 3D Hydrogel Consumption Value (2020-2031) & (USD Million)
- Figure 40. Mexico 3D Hydrogel Consumption Value (2020-2031) & (USD Million)
- Figure 41. Europe 3D Hydrogel Sales Quantity Market Share by Type (2020-2031)
- Figure 42. Europe 3D Hydrogel Sales Quantity Market Share by Application (2020-2031)
- Figure 43. Europe 3D Hydrogel Sales Quantity Market Share by Country (2020-2031)
- Figure 44. Europe 3D Hydrogel Consumption Value Market Share by Country (2020-2031)
- Figure 45. Germany 3D Hydrogel Consumption Value (2020-2031) & (USD Million)
- Figure 46. France 3D Hydrogel Consumption Value (2020-2031) & (USD Million)
- Figure 47. United Kingdom 3D Hydrogel Consumption Value (2020-2031) & (USD Million)
- Figure 48. Russia 3D Hydrogel Consumption Value (2020-2031) & (USD Million)
- Figure 49. Italy 3D Hydrogel Consumption Value (2020-2031) & (USD Million)
- Figure 50. Asia-Pacific 3D Hydrogel Sales Quantity Market Share by Type (2020-2031)
- Figure 51. Asia-Pacific 3D Hydrogel Sales Quantity Market Share by Application (2020-2031)
- Figure 52. Asia-Pacific 3D Hydrogel Sales Quantity Market Share by Region (2020-2031)
- Figure 53. Asia-Pacific 3D Hydrogel Consumption Value Market Share by Region (2020-2031)
- Figure 54. China 3D Hydrogel Consumption Value (2020-2031) & (USD Million)
- Figure 55. Japan 3D Hydrogel Consumption Value (2020-2031) & (USD Million)
- Figure 56. South Korea 3D Hydrogel Consumption Value (2020-2031) & (USD Million)
- Figure 57. India 3D Hydrogel Consumption Value (2020-2031) & (USD Million)
- Figure 58. Southeast Asia 3D Hydrogel Consumption Value (2020-2031) & (USD

Million)

Figure 59. Australia 3D Hydrogel Consumption Value (2020-2031) & (USD Million)

Figure 60. South America 3D Hydrogel Sales Quantity Market Share by Type (2020-2031)

Figure 61. South America 3D Hydrogel Sales Quantity Market Share by Application (2020-2031)

Figure 62. South America 3D Hydrogel Sales Quantity Market Share by Country (2020-2031)

Figure 63. South America 3D Hydrogel Consumption Value Market Share by Country (2020-2031)

Figure 64. Brazil 3D Hydrogel Consumption Value (2020-2031) & (USD Million)

Figure 65. Argentina 3D Hydrogel Consumption Value (2020-2031) & (USD Million)

Figure 66. Middle East & Africa 3D Hydrogel Sales Quantity Market Share by Type (2020-2031)

Figure 67. Middle East & Africa 3D Hydrogel Sales Quantity Market Share by Application (2020-2031)

Figure 68. Middle East & Africa 3D Hydrogel Sales Quantity Market Share by Country (2020-2031)

Figure 69. Middle East & Africa 3D Hydrogel Consumption Value Market Share by Country (2020-2031)

Figure 70. Turkey 3D Hydrogel Consumption Value (2020-2031) & (USD Million)

Figure 71. Egypt 3D Hydrogel Consumption Value (2020-2031) & (USD Million)

Figure 72. Saudi Arabia 3D Hydrogel Consumption Value (2020-2031) & (USD Million)

Figure 73. South Africa 3D Hydrogel Consumption Value (2020-2031) & (USD Million)

Figure 74. 3D Hydrogel Market Drivers

Figure 75. 3D Hydrogel Market Restraints

Figure 76. 3D Hydrogel Market Trends

Figure 77. Porters Five Forces Analysis

Figure 78. Manufacturing Cost Structure Analysis of 3D Hydrogel in 2024

Figure 79. Manufacturing Process Analysis of 3D Hydrogel

Figure 80. 3D Hydrogel Industrial Chain

Figure 81. Sales Channel: Direct to End-User vs Distributors

Figure 82. Direct Channel Pros & Cons

Figure 83. Indirect Channel Pros & Cons

Figure 84. Methodology

Figure 85. Research Process and Data Source

I would like to order

Product name: Global 3D Hydrogel Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: <https://marketpublishers.com/r/GE65261F3531EN.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/GE65261F3531EN.html>