

Global Hydrogel Market: CAGR 6.6% with Size, Growth, Share, and Forecast (2024 - 2031) | Cardinal Health, 3M

Hydrogel market is estimated to be valued at USD 29.68 Bn in 2024 and is expected to reach USD 46.43 Bn by 2031, growing at a (CAGR) of 6.6% from 2024 to 2031.

BURLINGAME, CA, UNITED STATES,
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The latest market intelligence report published by CMI with the title "Global Hydrogel Market 2024, Growth Opportunities, and Forecast" provides actionable insights on Specialty and Fine Chemicals industry. The report



Global Hydrogel Market

provides demand analysis, industry insights, competitive intelligence, and customer database.

The Research report on Global Hydrogel Market presents a complete judgment of the market through strategic insights on future trends, growth factors, supplier landscape, demand landscape, Y-o-Y growth rate, CAGR, pricing analysis. It also provides and a lot of business matrices including Porters Five Forces Analysis, PESTLE Analysis, Value Chain Analysis, 4 Ps' Analysis, Market Attractiveness Analysis, BPS Analysis, Ecosystem Analysis.

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*Note: Sample of the report provides details on the scope and coverage, table of contents, research methodology, and Sample Framework of the report. Actual report of 150+ is available for purchase to all the interested stakeholders.

Key takeaways

1. Significant Market Growth: The Global Hydrogel Market is poised for remarkable expansion, with projections indicating a robust compound annual growth rate (CAGR) over the coming years. This growth is driven by increasing demand across various sectors, particularly healthcare,

agriculture, and consumer products. As industries recognize the multifunctional properties of hydrogels, their adoption is expected to rise, resulting in a burgeoning market that attracts investment and innovation.

2. Diverse and Expanding Applications: Hydrogels are characterized by their unique ability to retain large amounts of water, making them invaluable in a range of applications. In the healthcare sector, they are widely utilized in wound care, drug delivery systems, and tissue engineering. Additionally, in agriculture, hydrogels enhance soil moisture retention and improve crop yield. Their use in consumer products, such as contact lenses and hygiene products, further highlights their versatility. As new applications are discovered, the scope of hydrogels continues to broaden.

3. Technological Innovations: The hydrogel market is witnessing significant advancements in technology, particularly the development of smart hydrogels that respond to environmental stimuli such as temperature, pH, or light. These innovations enhance the functionality of hydrogels, making them suitable for sophisticated applications in controlled drug delivery and regenerative medicine. Research and development efforts are focused on creating hydrogels with tailored properties, enabling manufacturers to meet specific consumer and industry demands effectively.

4. Sustainability and Environmental Focus: As sustainability becomes a global priority, the hydrogel market is shifting towards eco-friendly and biodegradable options. Manufacturers are increasingly developing hydrogels from renewable resources and implementing processes that minimize environmental impact. This trend aligns with consumer preferences for sustainable products and regulations aimed at reducing plastic waste. The emphasis on sustainability not only enhances the appeal of hydrogels but also opens new market opportunities for environmentally conscious brands.

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Detailed Segmentation and Classification of the report (Market Size and Forecast – 2031, Y-o-Y growth rate, and CAGR):

• By Raw Material:

Natural

Synthetic

Hybrid

- By Composition:

Polyacrylate

Polyacrylamide

Silicone-modified Hydrogels

Others (Agar-based, etc.)

- By Form:

Amorphous Hydrogels

Semi Crystalline Hydrogels

- By Application:

Wound Care

Contact Lens

Drug Delivery

Agriculture

Personal Care & Hygiene

Others (Tissue Engineering, Dental, and Research & Forensic)

- By Regions and Countries

- o North America

- o Europe

- o Asia-Pacific

- o South America

- o Middle East & Africa

Following are the players analyzed in the report:

- Cardinal Health

- Momentive Performance Materials

- B. Braun Melsungen

- Derma Sciences

- Molnlycke Health Care

- Paul Hartmann

- Coloplast

- Johnson & Johnson

- Ocular Therapeutix

- Medline Industries

- 3M

- Smith & Nephew

- Royal DSM

- Dow Corning Corporation

- ConvaTec

- Ashland

- Evonik Industries
- Cosmo Bio USA
- MPM Medical
- Hollister

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Deep-dive Analysis:

The Report provides deep-dive qualitative and quantitative analysis on Global Hydrogel Market for all the regions and countries covered below:

- North America (the United States, Canada, and Mexico)
- Europe (Germany, France, Italy, United Kingdom, SCANDIVAN, Benelux, Russia, and Rest of Europe)
- Asia-Pacific (Japan, South Korea, India, China, Southeast Asia, and Australia)
- South America (Brazil, Argentina, and Rest of South America)
- Middle East & Africa (Saudi Arabia, UAE, Israel, South Africa, and Rest of the Middle East & Africa)
- Each Country is covered in detail, and report provides qualitative and quantitative analysis on Global Hydrogel Market on each country.

The research provides answers to the following key questions:

1. What is the estimated growth rate of the market for the forecast period 2024-2031? What will be the market size during the estimated period?
2. What are the key driving forces responsible for shaping the fate of the Global Hydrogel market during the forecast period?
3. Who are the major market vendors and what are the winning strategies that have helped them occupy a strong foothold in the Global Hydrogel market?
4. What are the prominent market trends influencing the development of the Global Hydrogel market across different regions?
5. What are the major threats and challenges likely to act as a barrier in the growth of the Global Hydrogel market?
6. What are the major opportunities the market leaders can rely on to gain success and profitability?

Key insights provided by the report that could help you take critical strategic decisions?

- Regional report analysis highlighting the consumption of products/services in a region also shows the factors that influence the market in each region.
- Reports provide opportunities and threats faced by suppliers in the Global Hydrogel and tubes industry around the world.

- The report shows regions and sectors with the fastest growth potential.
- A competitive environment that includes market rankings of major companies, along with new product launches, partnerships, business expansions, and acquisitions.
- The report provides an extensive corporate profile consisting of company overviews, company insights, product benchmarks, and SWOT analysis for key market participants.
- This report provides the industry's current and future market outlook on the recent development, growth opportunities, drivers, challenges, and two regional constraints emerging in advanced regions.

Author of this marketing PR:

Priya Pandey is a dynamic and passionate PR writer with over three years of expertise in content writing and proofreading. Holding a bachelor's degree in biotechnology, Priya has a knack for making the content engaging. Her diverse portfolio includes writing contents and documents across different industries, including food and beverages, information and technology, healthcare, chemical and materials, etc. Priya's meticulous attention to detail and commitment to excellence make her an invaluable asset in the world of content creation and refinement.

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