

Global Medical Grade Coatings Market Size study, by type (lubricants, antimicrobial, hydrophilic coatings) by Application (Medical devices, Implants, Medical equipment, Tools, others) and Regional Forecasts 2021-2027

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Abstracts

Global Medical Grade Coatings Market is valued approximately USD XXX million in 2020 and is anticipated to grow with a healthy growth rate of more than 21.5 % over the forecast period 2021-2027. Medical devices and electronic components need shielding in order to be safe and functional. Moisture, water material, and body fluids are only a couple of the things that can contaminate and make lifesaving equipment ineffective. Plastics, glass, metals, silicone, rubber, and ceramics are among the substrates on which medical coatings and materials are suitable. The medical industry's growing demand for coatings for life-saving products is expected to boost medical coatings use. Furthermore, growing demand for life-saving devices in developing economies in Asia Pacific and Latin America is projected to boost medical coatings use. The demand for minimally invasive surgeries has risen as the incidence of arthritis, cancer, and cardiovascular diseases has increased, both of which need complicated surgical care. This has increased the need for lightweight surgical instruments that can manoeuvre through complicated and fragile areas of the body, such as catheters, guidewires, catheters, delivery sheaths, and implant delivery systems. These instruments are widely used in the cerebrovascular, coronary, and peripheral vascular systems during minimally invasive procedures. They frequently provide hydrophilic and hydrophobic coatings to facilitate insertion into small vascular areas while minimising tissue damage. As a result, medical coatings are highly favoured in these medical procedures because they promote cost savings and reduced time usage. Garwood Medical Devices, a medical technology corporation headquartered in the United States, and a research team from the University of Buffalo have been awarded a federal grant of USD 749,000

to evaluate a medical device to deter and remove bacterial biofilm infections associated with orthopaedic implants as of December 2020. However, over the projected period of 2021-2027, varying government regulations for medical devices will stymie market development. However, the complex architecture of medical instruments necessitates atomic layer deposition, which poses a lucrative commercial opportunity.

The main regions of Asia Pacific, North America, Europe, Latin America, and the Rest of the World are included in the geographical study of the global Medical Grade Coatings industry. Because of the medical equipment exports, medical technology advances, and the demand for home healthcare, North America is the world's leading region in terms of market share. Whereas, over the projected period 2021-2027, Asia-Pacific is expected to have the highest growth rate due to increased usage of medical devices in emerging economies such as China and India, which will generate lucrative growth opportunities for the Medical Grade Coatings industry in the Asia-Pacific region.

Major market player included in this report are:

SurModics

the DECC Company

Hangzhou Kangsheng Medical Equipments Co. Ltd.

Yangzhou Fuda Medical Devices Co. Ltd.

Precision Coating Co. Inc.

Donwell Company Inc.

Merit Medical Systems, Inc.

Harland Medical Systems

Applied Medical Coatings LLC.

Dymax Corporation

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Lubricants

Antimicrobial

Hydrophilic coatings

By Application:

Medical devices

Implants

Medical equipment

Tools

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Medical Grade Coatings Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
 - 1.2.1. Medical Grade Coatings Market, by Region, 2019-2027 (USD Billion)
 - 1.2.2. Medical Grade Coatings Market, by Type, 2019-2027 (USD Billion)
 - 1.2.3. Medical Grade Coatings Market, by Application, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL MEDICAL GRADE COATINGS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL MEDICAL GRADE COATINGS MARKET DYNAMICS

- 3.1. Medical Grade Coatings Market Impact Analysis (2019-2027)
 - 3.1.1. Market Drivers
 - 3.1.1.1. The growing demand for life-saving devices
 - 3.1.1.2. Rising incidence of arthritis, cancer, and cardiovascular diseases
 - 3.1.2. Market Challenges
 - 3.1.2.1. Varying government regulations for medical devices
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Complex architecture of medical instruments necessitates atomic layer deposition

CHAPTER 4. GLOBAL MEDICAL GRADE COATINGS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL MEDICAL GRADE COATINGS MARKET, BY TYPE

- 5.1. Market Snapshot
- 5.2. Global Medical Grade Coatings Market by Type, Performance - Potential Analysis
- 5.3. Global Medical Grade Coatings Market Estimates & Forecasts by Type 2018-2027 (USD Billion)
- 5.4. Medical Grade Coatings Market, Sub Segment Analysis
 - 5.4.1. Lubricants
 - 5.4.2. Antimicrobial
 - 5.4.3. Hydrophilic coatings

CHAPTER 6. GLOBAL MEDICAL GRADE COATINGS MARKET, BY APPLICATION

- 6.1. Market Snapshot
- 6.2. Global Medical Grade Coatings Market by Application, Performance - Potential Analysis
- 6.3. Global Medical Grade Coatings Market Estimates & Forecasts by Application 2018-2027 (USD Billion)
- 6.4. Medical Grade Coatings Market, Sub Segment Analysis
 - 6.4.1. Medical devices
 - 6.4.2. Implants
 - 6.4.3. Medical equipment
 - 6.4.4. Tools
 - 6.4.5. Others

CHAPTER 7. GLOBAL MEDICAL GRADE COATINGS MARKET, REGIONAL ANALYSIS

- 7.1. Medical Grade Coatings Market, Regional Market Snapshot
- 7.2. North America Medical Grade Coatings Market
 - 7.2.1. U.S. Medical Grade Coatings Market
 - 7.2.1.1. Type breakdown estimates & forecasts, 2018-2027
 - 7.2.1.2. Application breakdown estimates & forecasts, 2018-2027
 - 7.2.2. Canada Medical Grade Coatings Market
- 7.3. Europe Medical Grade Coatings Market Snapshot
 - 7.3.1. U.K. Medical Grade Coatings Market
 - 7.3.2. Germany Medical Grade Coatings Market
 - 7.3.3. France Medical Grade Coatings Market
 - 7.3.4. Spain Medical Grade Coatings Market
 - 7.3.5. Italy Medical Grade Coatings Market
 - 7.3.6. Rest of Europe Medical Grade Coatings Market
- 7.4. Asia-Pacific Medical Grade Coatings Market Snapshot
 - 7.4.1. China Medical Grade Coatings Market
 - 7.4.2. India Medical Grade Coatings Market
 - 7.4.3. Japan Medical Grade Coatings Market
 - 7.4.4. Australia Medical Grade Coatings Market
 - 7.4.5. South Korea Medical Grade Coatings Market
 - 7.4.6. Rest of Asia Pacific Medical Grade Coatings Market
- 7.5. Latin America Medical Grade Coatings Market Snapshot
 - 7.5.1. Brazil Medical Grade Coatings Market
 - 7.5.2. Mexico Medical Grade Coatings Market
- 7.6. Rest of The World Medical Grade Coatings Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Top Market Strategies
- 8.2. Company Profiles
 - 8.2.1. SurModics
 - 8.2.1.1. Key Information
 - 8.2.1.2. Overview
 - 8.2.1.3. Financial (Subject to Data Availability)
 - 8.2.1.4. Product Summary
 - 8.2.1.5. Recent Developments
 - 8.2.2. The DECC Company

- 8.2.3. Hangzhou Kangsheng Medical Equipments Co. Ltd.
- 8.2.4. Yangzhou Fuda Medical Devices Co. Ltd.
- 8.2.5. Precision Coating Co. Inc.
- 8.2.6. Donwell Company Inc.
- 8.2.7. Merit Medical Systems, Inc.
- 8.2.8. Harland Medical Systems
- 8.2.9. Applied Medical Coatings LLC.
- 8.2.10. Dymax Corporation

CHAPTER 9. RESEARCH PROCESS

9.1. Research Process

- 9.1.1. Data Mining
- 9.1.2. Analysis
- 9.1.3. Market Estimation
- 9.1.4. Validation
- 9.1.5. Publishing

9.2. Research Attributes

9.3. Research Assumption

List Of Tables

LIST OF TABLES

- TABLE 1. Global Medical Grade Coatings market, report scope
- TABLE 2. Global Medical Grade Coatings market estimates & forecasts by Region 2018-2027 (USD Billion)
- TABLE 3. Global Medical Grade Coatings market estimates & forecasts by Type 2018-2027 (USD Billion)
- TABLE 4. Global Medical Grade Coatings market estimates & forecasts by Application 2018-2027 (USD Billion)
- TABLE 5. Global Medical Grade Coatings market by segment, estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 6. Global Medical Grade Coatings market by region, estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 7. Global Medical Grade Coatings market by segment, estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 8. Global Medical Grade Coatings market by region, estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 9. Global Medical Grade Coatings market by segment, estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 10. Global Medical Grade Coatings market by region, estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 11. Global Medical Grade Coatings market by segment, estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 12. Global Medical Grade Coatings market by region, estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 13. Global Medical Grade Coatings market by segment, estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 14. Global Medical Grade Coatings market by region, estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 15. U.S. Medical Grade Coatings market estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 16. U.S. Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)
- TABLE 17. U.S. Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)
- TABLE 18. Canada Medical Grade Coatings market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 19. Canada Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 20. Canada Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 21. UK Medical Grade Coatings market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 22. UK Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 23. UK Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 24. Germany Medical Grade Coatings market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 25. Germany Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 26. Germany Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 27. RoE Medical Grade Coatings market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 28. RoE Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 29. RoE Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 30. China Medical Grade Coatings market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 31. China Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 32. China Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 33. India Medical Grade Coatings market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 34. India Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 35. India Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 36. Japan Medical Grade Coatings market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 37. Japan Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 38. Japan Medical Grade Coatings market estimates & forecasts by segment

2018-2027 (USD Billion)

TABLE 39. RoAPAC Medical Grade Coatings market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 40. RoAPAC Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 41. RoAPAC Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 42. Brazil Medical Grade Coatings market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 43. Brazil Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 44. Brazil Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 45. Mexico Medical Grade Coatings market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 46. Mexico Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 47. Mexico Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 48. RoLA Medical Grade Coatings market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 49. RoLA Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 50. RoLA Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 51. Row Medical Grade Coatings market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 52. Row Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 53. Row Medical Grade Coatings market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 54. List of secondary sources, used in the study of global Medical Grade Coatings market

TABLE 55. List of primary sources, used in the study of global Medical Grade Coatings market

TABLE 56. Years considered for the study

TABLE 57. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Medical Grade Coatings market, research methodology
- FIG 2. Global Medical Grade Coatings market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Medical Grade Coatings market, key trends 2020
- FIG 5. Global Medical Grade Coatings market, growth prospects 2021-2027
- FIG 6. Global Medical Grade Coatings market, porters 5 force model
- FIG 7. Global Medical Grade Coatings market, pest analysis
- FIG 8. Global Medical Grade Coatings market, value chain analysis
- FIG 9. Global Medical Grade Coatings market by segment, 2018 & 2027 (USD Billion)
- FIG 10. Global Medical Grade Coatings market by segment, 2018 & 2027 (USD Billion)
- FIG 11. Global Medical Grade Coatings market by segment, 2018 & 2027 (USD Billion)
- FIG 12. Global Medical Grade Coatings market by segment, 2018 & 2027 (USD Billion)
- FIG 13. Global Medical Grade Coatings market by segment, 2018 & 2027 (USD Billion)
- FIG 14. Global Medical Grade Coatings market, regional snapshot 2018 & 2027
- FIG 15. North America Medical Grade Coatings market 2018 & 2027 (USD Billion)
- FIG 16. Europe Medical Grade Coatings market 2018 & 2027 (USD Billion)
- FIG 17. Asia pacific Medical Grade Coatings market 2018 & 2027 (USD Billion)
- FIG 18. Latin America Medical Grade Coatings market 2018 & 2027 (USD Billion)
- FIG 19. Global Medical Grade Coatings market, company market share analysis (2020)

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