

# Medical Device Coatings Market Size, Share, and Analysis, By Coating Type (Hydrophilic Coatings, Antimicrobial Coatings, Drug-Eluting Coatings, Anti-Thrombogenic Coatings, Others), By Material (Metals, Ceramics, Polymers), By Application (General Surgery, Cardiovascular Devices, Orthopaedics, Dentistry, Neurology, Gynaecology, Others) and Regional Forecasts, 2022-2032

<https://marketpublishers.com/r/MB98981B0681EN.html>

Date: November 2023

Pages: 380

Price: US\$ 4,950.00 (Single User License)

ID: MB98981B0681EN

## Abstracts

Medical Device Coatings Market Size, Share, and Analysis, By Coating Type (Hydrophilic Coatings, Antimicrobial Coatings, Drug-Eluting Coatings, Anti-Thrombogenic Coatings, Others), By Material (Metals, Ceramics, Polymers), By Application (General Surgery, Cardiovascular Devices, Orthopaedics, Dentistry, Neurology, Gynaecology, Others) and Regional Forecasts, 2022-2032

### PRODUCT OVERVIEW

Medical Device Coatings Market size was USD 5.62 billion in 2021 and is projected to grow from USD 6.5 billion in 2023 to USD 12.2 billion by 2032, exhibiting a CAGR of 7.3% during the forecast period.

Medical Device Coatings are simply lubricants like water-repellent polymers and antimicrobial solutions. Each type of coating is applied to several devices for a wide range of applications. Every stage of medical treatment, from routine check-ups to operations and clinical tests, uses medical equipment and technologies. Medical coatings are now widely used in the industry due to the expanding use of medical

equipment.

## MARKET HIGHLIGHTS

Medical Device Coatings market is expected to reach USD 12.2 billion, growing at a CAGR of 7.3% during the forecast period owing to the increasing prevalence of cardiovascular issues, arthritis, and cancer which require complicated surgical treatment. The need for minimally invasive procedures has increased due to this. Hence, the market is witnessing greater demand for light-weight medical devices that proficiently navigate complex procedures.

### Medical Device Coatings Market Segments:

#### Coating Type

Hydrophilic Coatings

Antimicrobial Coatings

Drug-Eluting Coatings

Anti-Thrombogenic Coatings

Others

#### Material

Metals

Ceramics

Polymers

#### Application

General Surgery

Cardiovascular Devices

Orthopedics

Dentistry

Neurology

Gynecology

Others

## MARKET DYNAMICS

### Growth Drivers

Number of Benefits of Medical Devices Coatings is Expected to Boost the Market Growth

Mounting Demand for Multiple Medical Devices Post-Pandemic and Growing Cases of Chronic Diseases are Expected to Boost the Market Growth

### Restraint

Ascending Prices of Raw Materials may Restrain the Market Growth

### Key Players

DSM Corporation

Merit Medical Systems Inc.

Freudenberg Medical

SurModics Inc.

Specialty Coating Systems Inc.

Precision Coating Company Inc.

Covalon Technologies Ltd.

Harland Medical Systems

Sono-Tek Corp.

Biocoat Incorporated

Hydromer Inc.

Allvivi Vascular Inc.

Medical Surface Inc.

Medicoat

Kiscil Ltd.

Other Prominent Players (Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis)

Global Laboratory Temperature Control Units Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia

and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

#### Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

## Contents

### **1. EXECUTIVE SUMMARY**

- 1.1. Regional Market Share
- 1.2. Business Trends
- 1.3. Medical Device Coatings Market: COVID-19 Outbreak
- 1.4. Regional Trends
- 1.5. Segmentation Snapshot

### **2. RESEARCH METHODOLOGY**

- 2.1. Research Objective
- 2.2. Research Approach
- 2.3. Data Sourcing and Methodology
- 2.4. Primary Research
- 2.5. Secondary Research
  - 2.5.1. Paid Sources
  - 2.5.2. Public Sources
- 2.6. Market Size Estimation and Data Triangulation

### **3. MARKET CHARACTERISTICS**

- 3.1. Market Definition
- 3.2. Medical Device Coatings Market: COVID-19 Impact
- 3.3. Key Segmentations
- 3.4. Key Developments
- 3.5. Allied Industry Data

### **4. MEDICAL DEVICE COATINGS MARKET – INDUSTRY INSIGHTS**

- 4.1. Industry Segmentation
- 4.2. COVID-19 overview on world economy
- 4.3. Industry ecoCoating Type Channel analysis
- 4.4. Innovation & Sustainability

### **5. MACROECONOMIC INDICATORS**

### **6. RECENT DEVELOPMENTS**

## **7.MARKET DYNAMICS**

- 7.1. Introduction
- 7.2.Growth Drivers
- 7.3.Market Opportunities
- 7.4. Market Restraints
- 7.5.Market Trends

## **8. MARKET ANALYSIS**

- 8.1. Porters Five Forces
- 8.2. PEST Analysis
  - 8.2.1. Political
  - 8.2.2.Economic
  - 8.2.3.Social
  - 8.2.4.Technological

## **9. MEDICAL DEVICE COATINGS MARKET**

- 9.1. Overview
- 9.2.Historical Analysis (2016-2021)
  - 9.2.1. Market Size, Y-o-Y Growth (%) and Market Forecast

## **10. MEDICAL DEVICE COATINGS MARKET SIZE & FORECAST 2022A-2032F**

- 10.1.Overview
- 10.2. Key Findings
- 10.3. Market Segmentation
  - 10.3.1. By Coating Type
    - 10.3.1.1.Hydrophilic Coatings
      - 10.3.1.1.1.By Value (USD Million) 2022-2032F
      - 10.3.1.1.2. Market Share (%) 2022-2032F
      - 10.3.1.1.3. Y-o-Y Growth (%) 2022-2032F
    - 10.3.1.2. Antimicrobial Coatings
      - 10.3.1.2.1. By Value (USD Million) 2022-2032F
      - 10.3.1.2.2.Market Share (%) 2022-2032F
      - 10.3.1.2.3.Y-o-Y Growth (%) 2022-2032F
    - 10.3.1.3. Drug-Eluting Coatings



- 10.3.1.3.1. By Value (USD Million) 2022-2032F
- 10.3.1.3.2. Market Share (%) 2022-2032F
- 10.3.1.3.3. Y-o-Y Growth (%) 2022-2032F
- 10.3.1.4. Anti-Thrombogenic Coatings
  - 10.3.1.4.1. By Value (USD Million) 2022-2032F
  - 10.3.1.4.2. Market Share (%) 2022-2032F
  - 10.3.1.4.3. Y-o-Y Growth (%) 2022-2032F
- 10.3.1.5. Others
  - 10.3.1.5.1. By Value (USD Million) 2022-2032F
  - 10.3.1.5.2. Market Share (%) 2022-2032F
  - 10.3.1.5.3. Y-o-Y Growth (%) 2022-2032F
- 10.3.2. By Material
  - 10.3.2.1. Metals
    - 10.3.2.1.1. By Value (USD Million) 2022-2032F
    - 10.3.2.1.2. Market Share (%) 2022-2032F
    - 10.3.2.1.3. Y-o-Y Growth (%) 2022-2032F
  - 10.3.2.2. Ceramics
    - 10.3.2.2.1. By Value (USD Million) 2022-2032F
    - 10.3.2.2.2. Market Share (%) 2022-2032F
    - 10.3.2.2.3. Y-o-Y Growth (%) 2022-2032F
  - 10.3.2.3. Polymers
    - 10.3.2.3.1. By Value (USD Million) 2022-2032F
    - 10.3.2.3.2. Market Share (%) 2022-2032F
    - 10.3.2.3.3. Y-o-Y Growth (%) 2022-2032F
- 10.3.3. By Application
  - 10.3.3.1. General Surgery
    - 10.3.3.1.1. By Value (USD Million) 2022-2032F
    - 10.3.3.1.2. Market Share (%) 2022-2032F
    - 10.3.3.1.3. Y-o-Y Growth (%) 2022-2032F
  - 10.3.3.2. Cardiovascular Devices
    - 10.3.3.2.1. By Value (USD Million) 2022-2032F
    - 10.3.3.2.2. Market Share (%) 2022-2032F
    - 10.3.3.2.3. Y-o-Y Growth (%) 2022-2032F
  - 10.3.3.3. Orthopedics
    - 10.3.3.3.1. By Value (USD Million) 2022-2032F
    - 10.3.3.3.2. Market Share (%) 2022-2032F
    - 10.3.3.3.3. Y-o-Y Growth (%) 2022-2032F
  - 10.3.3.4. Dentistry
    - 10.3.3.4.1. By Value (USD Million) 2022-2032F

- 10.3.3.4.2. Market Share (%) 2022-2032F
- 10.3.3.4.3. Y-o-Y Growth (%) 2022-2032F
- 10.3.3.5. Neurology
  - 10.3.3.5.1. By Value (USD Million) 2022-2032F
  - 10.3.3.5.2. Market Share (%) 2022-2032F
  - 10.3.3.5.3. Y-o-Y Growth (%) 2022-2032F
- 10.3.3.6. Gynecology
  - 10.3.3.6.1. By Value (USD Million) 2022-2032F
  - 10.3.3.6.2. Market Share (%) 2022-2032F
  - 10.3.3.6.3. Y-o-Y Growth (%) 2022-2032F
- 10.3.3.7. Others
  - 10.3.3.7.1. By Value (USD Million) 2022-2032F
  - 10.3.3.7.2. Market Share (%) 2022-2032F
  - 10.3.3.7.3. Y-o-Y Growth (%) 2022-2032F

## **11. NORTH AMERICA MEDICAL DEVICE COATINGS MARKET SIZE & FORECAST 2022A-2032F**

- 11.1. Overview
- 11.2. Key Findings
- 11.3. Market Segmentation
  - 11.3.1. By Coating Type
  - 11.3.2. By Material
  - 11.3.3. Application
- 11.4. Country
  - 11.4.1. United States
  - 11.4.2. Canada

## **12. EUROPE MEDICAL DEVICE COATINGS MARKET SIZE & FORECAST 2022A-2032F**

- 12.1. Overview
- 12.2. Key Findings
- 12.3. Market Segmentation
  - 12.3.1. By Coating Type
  - 12.3.2. By Material
  - 12.3.3. Application
- 12.4. Country
  - 12.4.1. Germany

- 12.4.2. United Kingdom
- 12.4.3. France
- 12.4.4. Italy
- 12.4.5. Spain
- 12.4.6. Russia
- 12.4.7. Rest of Europe (BENELUX, NORDIC, Hungary, Turkey & Poland)

## **13. ASIA MEDICAL DEVICE COATINGS MARKET SIZE & FORECAST 2022A-2032F**

- 13.1. Overview
- 13.2. Key Findings
- 13.3. Market Segmentation
  - 13.3.1. By Coating Type
  - 13.3.2. By Material
  - 13.3.3. Application
- 13.4. Country
  - 13.4.1. India
  - 13.4.2. China
  - 13.4.3. South Korea
  - 13.4.4. Japan
  - 13.4.5. Rest of APAC

## **14. MIDDLE EAST AND AFRICA MEDICAL DEVICE COATINGS MARKET SIZE & FORECAST 2022A-2032F**

- 14.1. Overview
- 14.2. Key Findings
- 14.3. Market Segmentation
  - 14.3.1. By Coating Type
  - 14.3.2. By Material
  - 14.3.3. Application
- 14.4. Country
  - 14.4.1. Israel
  - 14.4.2. GCC
  - 14.4.3. North Africa
  - 14.4.4. South Africa
  - 14.4.5. Rest of Middle East and Africa

## **15. LATIN AMERICA MEDICAL DEVICE COATINGS MARKET SIZE & FORECAST**

**2022A-2032F**

- 15.1. Overview
- 15.2. Key Findings
- 15.3. Market Segmentation
  - 15.3.1. By Coating Type
  - 15.3.2. By Material
  - 15.3.3. Application
- 15.4. Country
  - 15.4.1. Mexico
  - 15.4.2. Brazil
  - 15.4.3. Rest of Latin America

**16. COMPETITIVE LANDSCAPE**

- 16.1. Company market share, 2021
- 16.2. Key player overview
- 16.3. Key stakeholders

**17. COMPANY PROFILES**

- 17.1. DSM Corporation
  - 17.1.1. Company Overview
  - 17.1.2. Financial Overview
  - 17.1.3. Key Product; Analysis
  - 17.1.4. Company Assessment
    - 17.1.4.1. Product Portfolio
    - 17.1.4.2. Key Clients
    - 17.1.4.3. Market Share
    - 17.1.4.4. Recent News & Development (Last 3 Yrs.)
    - 17.1.4.5. Executive Team
- 17.2. Merit Medical Systems Inc.
- 17.3. Freudenberg Medical
- 17.4. SurModics Inc.
- 17.5. Specialty Coating Systems Inc.
- 17.6. Precision Coating Company Inc.
- 17.7. Covalon Technologies Ltd.
- 17.8. Harland Medical Systems
- 17.9. Sono-Tek Corp.

- 17.10. Biocoat Incorporated
- 17.11. Hydromer Inc.
- 17.12. Allvivo Vascular Inc.
- 17.13. Medical Surface Inc.
- 17.14. Medicoat
- 17.15. Kisco Ltd.
- 17.16. Other Prominent Players

## **18. APPENDIX**

## **19. CONSULTANT RECOMMENDATION**

## I would like to order

Product name: Medical Device Coatings Market Size, Share, and Analysis, By Coating Type (Hydrophilic Coatings, Antimicrobial Coatings, Drug-Eluting Coatings, Anti-Thrombogenic Coatings, Others), By Material (Metals, Ceramics, Polymers), By Application (General Surgery, Cardiovascular Devices, Orthopaedics, Dentistry, Neurology, Gynaecology, Others) and Regional Forecasts, 2022-2032

Product link: <https://marketpublishers.com/r/MB98981B0681EN.html>

Price: US\$ 4,950.00 (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/MB98981B0681EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970