

Medical Coatings Market Forecasted to Achieve US \$27.8 Billion by 2029

*The Business Research Company's
Medical Coatings Global Market Report
2025 – Market Size, Trends, And Global
Forecast 2025-2034*

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/EINPresswire.com/ -- How Big Is The
[Medical Coatings Market](#) In 2025?

The size of the medical coatings market has experienced significant growth in the past few years. The market which is valued at \$10.44 billion in 2024 is expected to reach \$12.51 billion in 2025, growing at a compound annual growth rate (CAGR) of 19.8%. Factors contributing to the growth in the historic period include infection prevention, enhanced biocompatibility, improved drug delivery, performance enhancement, and regulatory compliance.



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In the coming years, the market size for medical coatings is predicted to expand significantly, reaching a value of \$27.8 billion in 2029 with a compound annual growth rate (CAGR) of 22.1%. The projected expansion during this period can be linked to advancements in nanotechnology, the use of minimally invasive surgery, remote monitoring, personalized medicine, and biodegradable solutions. The forecast period will also witness major trends such as antimicrobial coatings, drug-eluting coatings,

biocompatible coatings, hydrophilic coatings, and anti-adhesion coatings.

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What Are The Key Driving Factors For The Growth Of The Medical Coatings Market?

The escalation in cases of ischemic heart disease and chronic obstructive pulmonary disease is anticipated to fuel the expansion of the medical coatings market. Ischemic heart disease, a condition characterized by narrowed heart arteries, restricts blood and oxygen flow to the heart

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muscle. Medical coatings, utilized to improve the durability and corrosion resistance of various medical devices including general surgery devices and cardiovascular devices, are proving crucial in this scenario. For example, data from the Centers for Disease Control and Prevention, a national public health agency in the US, highlighted that stroke deaths had risen from 38.8 per 100,000 people in 2020 to 41.1 per 100,000 people in 2021 as of March 2023. It is estimated that over 795,000 strokes occur annually in the United States, with 610,000 of these being first occurrences. It's also worth noting that ischemic strokes, which obstruct blood flow to the brain, make up approximately 87% of all strokes. Consequently, the increasing prevalence of ischemic heart disease and chronic obstructive pulmonary disease is contributing significantly to the surge in the medical coatings market.

Who Are The Key Players In The Medical Coatings Industry?

Major players in the Medical Coatings include:

- Allvivo Vascular Inc.
- AST Products Inc.
- Biocoat Incorporated
- Coatings2Go LLC
- Covalon Technologies Ltd.
- Harland Medical Systems Inc.
- Hemoteq AG
- Medicoat AG
- Merit Medical Systems Inc.
- AeonClad Coatings LLC

What Are The Main Trends, Positively Impacting The Growth Of Medical Coatings Market?

The trend of product inventions is becoming increasingly significant in the medical coatings market. Many companies within this market are concentrating on creating innovative products to reinforce their market standing. For example, Harland Medical Systems, Inc., a US enterprise specializing in medical device coatings and equipment services for healthcare product manufacturers, introduced the CTS1100 Coating Thickness Testing System in April 2022. This testing system enables medical device manufacturers to precisely and effortlessly gauge the coating thickness on their instruments. The CTS1100 can execute an automated dry-out test, turning complicated testing procedures into simple ones. It possesses distinctive features like a real-time precision micrometer, which can constantly measure a sample's diameter and determine the dry-out time based on the device's critical dry-out diameter.

What Segments Are Covered In The Medical Coatings Market Report?

The medical coatingsmarket covered in this report is segmented –

1) By Type: Anti-Microbial Coating, Hydrophilic Coating, Anti-Thrombogenic Coating, Other Types

2) By Material Type: Polymers, Metals, Other Material Types

3) By Application: Medical Devices, Medical Implants, Medical Equipment and Tools, Protective

Clothing, Other Applications

Subsegments:

- 1) By Anti-Microbial Coating: Silver-Based Coatings, Copper-Based Coatings, Organic Anti-Microbial Coatings
- 2) By Hydrophilic Coating: Polyethylene Glycol (PEG) Coatings, Polyvinyl Alcohol (PVA) Coatings, Hydrogel Coatings
- 3) By Anti-Thrombogenic Coating: Heparin-Coated Surfaces, Polymer Coatings With Antithrombotic Properties, Phosphorylcholine Coatings
- 4) By Other Types: Drug-Eluting Coatings, Biodegradable Coatings, Radio-Opaque Coatings

View the full medical coatings market report:

<https://www.thebusinessresearchcompany.com/report/medical-coatings-global-market-report>

Which Region Is Expected To Lead The Medical Coatings Market By 2025?

In 2024, North America led the medical coatings market and is predicted to be the speediest growing region within the forecast period. The report on the medical coatings market encompasses regions such as Asia-Pacific, Western Europe, Eastern Europe, South America, North America, Middle East, and Africa.

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