

Global Medical Fluoropolymers Market Size study, by Product (Ethylene Tetrafluoroethylene, Polytetrafluoroethylene, Polyvinylidene Fluoride, Fluoroelastomers, Others), by Application (Medical Tubing, Catheters, Medical Bags, Drug Delivery Device, Others) and Regional Forecasts 2022-2028

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Abstracts

Global Medical Fluoropolymers Market is valued approximately USD 435.5 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 9.20% over the forecast period 2022-2028. Medical fluoropolymers have been instrumental in the healthcare revolution. Medical fluoropolymers have shown to be one of the only flexible materials capable of addressing the industry's altering expectations as healthcare technology has advanced. Medical fluoropolymers are used in disposable plastic syringes, blood bags, replacement heart valves, and other medical equipment. Medical tubing is another field of healthcare that has developed significantly as a result of the influence of medical fluoropolymers throughout the years. Doctors may be able to give more features and utility in their healthcare solutions by using fluoropolymer tubes and catheters. The market is predicted to grow fast due to the increasing usage of fluoropolymers in implants due to their chemical inertness and improved fatigue resistance. The worldwide fluoropolymers sector is one of the most tightly controlled in the world. Fluoropolymer use is expanding in construction, automotive, medical devices, and electrical and electronics applications. Furthermore, medical fluoropolymers may be tailored to match the requirements of a specific application; they are also used to manufacture unique medical equipment. Medical polymers are currently being used in surgical equipment and procedures, as well as goods such as new pacemakers, stents, or joint replacement devices, due to their ability to conform to the tiniest and most delicate moulds, which can help medical fluoropolymers growth in the market. SABIC

launched a novel polycarbonate-based CRX copolymer resin in November 2020 that prevents early failure due to environmental stress cracking (ESC) in medical equipment housings and devices. Similarly, Eastman Chemical Company developed Tritan, a recycled co-polyester consisting of 50% recycled plastic, in June 2020. The high cost of Medical Fluoropolymers, on the other hand, stifles market growth over the projection period of 2022-2028.

The key regions considered for the Global Medical Fluoropolymers Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. The market for medical fluoropolymers was controlled by North America. The market is expected to rise significantly in the future years due to rising demand for medical fluoropolymers for the development of medical tubing, catheters, medical bags, and drug delivery devices. One of the key factors driving market expansion in North America is an increase in health care infrastructure investment. The market in Asia Pacific is predicted to grow at the quickest rate during the forecast period, owing to rising demand for medical fluoropolymers utilised in the development of medical tubing, catheters, membranes, venous cannulas, and so on. The demand for the finest medical equipment and components from hospitals in Asia Pacific's major economies, particularly China and India, is expanding as these nations' healthcare expenditures rise.

Major market player included in this report are:

Daikin Industries, Ltd.

The Chemours Company

Solvay SA

Arkema

Adtech Polymer Engineering Ltd.

Dongyue Group Limited

Saint-Gobain

W. L. Gore & Associates, Inc.

Hitachi, Ltd.

Holscot Fluoropolymers Ltd.

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 Product:

Ethylene Tetrafluoroethylene

Polytetrafluoroethylene

Polyvinylidene Fluoride

Fluoroelastomers

Others

By Application:

Medical Tubing

Catheters

Medical Bags

Drug Delivery Device

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:

Global Medical Fluoropolymers Market Size study, by Product (Ethylene Tetrafluoroethylene, Polytetrafluoroethy...

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Medical Fluoropolymers 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

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