

Fluoropolymer Market projected to surpass US\$13.986 billion by 2030 at a CAGR of 5.88%

The fluoropolymer market is expected to grow at a CAGR of 5.88%, reaching a market size of US\$13.986 billion in 2030 from US\$10.511 billion in 2025.



NEW YORK, NY, UNITED STATES, January 21, 2025
/EINPresswire.com/ -- As per a new study

published by Knowledge Sourcing Intelligence, the [fluoropolymer market](#) is projected to grow at a CAGR of 5.88% between 2025 and 2030 to reach an amount of US\$13.986 billion by 2030.

Fluoropolymers are polymers characterized by the presence of fluorine atoms resulting in the formation of very strong carbon-fluorine bonds. Such characteristic properties endow fluoropolymers with potential resistance against various chemical materials, heat resistance, non-adherence, and reduced friction. They are well suited to extraordinary circumstances and are all used in several applications, such as the aerospace, automotive electronics, medical, and industrial sectors. The best-known fluoropolymer is polytetrafluoroethylene, while other common types of fluoropolymers include [polyvinylidene fluoride](#), polychlorotrifluoroethylene, perfluoroalkoxy alkane, and others. Fluoropolymers are

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used in various industries since their smooth surface makes them non-stick, which makes these materials ideal for cookware and medical devices.

Moreover, increasing demand for end-use industries like automotive, aerospace, electronics, and construction is a major factor influencing the market of fluoropolymers. It can also be propelled due to growth in the lightweight and high-performance materials sector. Fluoropolymers are lightweight materials and offer good mechanical properties, so they are especially suited to applications for which weight and performance are critical. Rising awareness about the unique properties of fluoropolymers would continue to drive the demand for these materials further. Moreover, continuous research and development in the field of fluoropolymer technology is leading to the development of new, improved fluoropolymers with even better properties.

With the emergence of the global video encoder market, many market players are launching

products and technologies to attract customers. For instance, in September 2024, DuPont joined forces with Tedlar, premiering the Fortilam® Decor, an innovative protective solution aimed at the railway and transportation sector. This sandwich structure utilizing Tedlar® PVF Film, provides an effective structure that can bear the tough requirements of the industry. The product was shown by DuPont at the InnoTrans trade fair in Berlin, Germany, and was received favorably

Access sample report or view details: <https://www.knowledge-sourcing.com/report/fluoropolymer-market>

By type, the fluoropolymer market can be classified into ethylene tetrafluoroethylene (ETFE), fluorinated ethylene-propylene (FEP), polytetrafluoroethylene (PTFE), polyvinyl fluoride (PVF), polyvinylidene fluoride (PVDF), and others. The global PTFE segment is the largest type of fluoropolymers due to its versatility, well-established market, and diverse applications. These characteristics make it suitable for a broad range of industries, also supported by the fact that its usage has lasted for a long time thereby leading to widespread applications and further growth of the market. The interest components of PTFE are continuously increasing because of the large-scale industrial applications and upcoming highly sophisticated technologies.

The fluoropolymer market is segmented by end-user industry into aerospace, automotive, building and construction, electrical and electronics, industrial and machinery, [packaging](#), and others. The chemical and industrial processing sector has the most significant share of the overall fluoropolymer market. The increase in the number of chemical processes, along with strict regulations and increasing production will help boost the overall sales of fluoropolymers. Typically, these are expensive but are highly efficient in various heavy and packaged processing industries which primarily benefit from using corrosion-resistant materials and hard-core equipment.

Based on geography, the North American region of the fluoropolymer market is growing significantly due to the higher usage by key industries such as aerospace, automotive, and electronic industries, technological advances in renewable energy, and domestic innovations, its North American market is growing at a fast rate. Barrier films for solar panels and wind turbines make an accurate selection of the demand for specific properties in fluoropolymers. The trend of innovation in the U.S. is generally more marked, especially in the field of material science which will contribute to the expansion of the fluoropolymer market in years to come.

As a part of the report, the major players operating in the fluoropolymer market have been covered as 3M, Daikin Industries, Ltd., Gujarat Fluorochemicals Limited (GFL), Sinochem, Solvay, Syensqo, and Chemours, among others.

The market analytics report segments the fluoropolymer market as follows:

- By Type

- o Ethylene tetrafluoroethylene (ETFE)
- o Fluorinated Ethylene-propylene (FEP)
- o Polytetrafluoroethylene (PTFE)
- o Polyvinyl fluoride (PVF)
- o Polyvinylidene Fluoride (PVDF)
- o Others

- By End-user Industry

- o Aerospace
- o Automotive
- o Building and Construction
- o Electrical and Electronics
- o Industrial and Machinery
- o Packaging
- o Other

- By Geography

- North America

- o USA
- o Canada
- o Mexico

- South America

- o Brazil
- o Argentina
- o Others

- Europe

- o United Kingdom
- o Germany
- o France
- o Italy
- o Spain
- o Others

- Middle East and Africa

- o Saudi Arabia

- o UAE
- o Israel
- o Others

- Asia Pacific

- o China
- o India
- o Japan
- o South Korea
- o Taiwan
- o Thailand
- o Indonesia
- o Others

Companies Profiled:

- 3M
- Arkema
- Daikin Industries, Ltd.
- Dongyue Group
- Gujarat Fluorochemicals Limited (GFL)
- Kureha Corporation
- Sinochem
- Solvay
- The Chemours Company
- Syensqo
- Chemours

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