

# **Fluoropolymer Tubing Market by Material (PTFE, PVDF, FEP, PFA, ETFE) Application (Medical, Semiconductor, Energy, Oil & Gas, Aerospace, Automotive, Fluid Management, General Industrial) Form Factor, and Region - Global Forecast to 2026**

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## **Abstracts**

The global fluoropolymer tubing market size is projected to grow from USD 513 million in 2021 to USD 662 million by 2026, at a CAGR of 5.2% between 2021 and 2026. The market is driven by various factors, such as aging population, rising demand for semiconductor microchips, new applications of fluoropolymer tubing, such as solar panels & electric vehicles (EVs), high growth in end-use industries, and industrialization in Asia Pacific. Additionally, the increasing demand for fluoropolymer tubing in the medical industry, and technical advancements in medical technologies is expected to drive the demand for fluoropolymer tubing. However, high cost of fluoropolymers materials, and environmental sustainability restricts the growth of the market.

Rising geriatric population is driving the demand for fluoropolymer tubing in the medical industry.

The fluoropolymer tubing market in Asia Pacific countries such as India, Japan and China is expected to witness high growth, owing to rise in geriatric population, improving healthcare system, and increasing average life expectancy. Additionally, Asia Pacific is growing at a fast rate with its medical devices and semiconductor production. Countries such as China and Japan are focusing on the development of medical electronics and robotics for minimum invasive surgeries. This demographic trend will increase the demand for portable, lightweight medical devices, and fluoropolymer tubing which is expected to increase the growth rate in Asia Pacific, during the forecast period.

Rising production of electric vehicles to fuel the demand for fluoropolymer tubing in automotive industry.

The fluoropolymer tubing market is expected to witness growing demand from automotive industry due to the rising production of electric vehicles owing to the global emission reduction targets, government initiatives, and changing consumer behavior toward the adaptability of EVs. Automotive manufactures such as Ford Motor Co. and SK Innovation announced that they would be investing USD 11.4 billion on new production sites of EVs and batteries in Tennessee and Kentucky. Such factors are expected to boost the demand for fluoropolymer tubing in the automotive industry.

Asia Pacific is the largest market for fluoropolymer tubing in 2020.

The fluoropolymer tubing market in Asia Pacific is anticipated to grow during the forecast period due to rising industrialization, growing end-use industries, and aging population. The demand for fluoropolymer tubing in Asia Pacific countries such as China, Japan, and India, are rising, owing to the development of healthcare facilities, government investment in semiconductor production, and automotive industry. China has the fastest-growing automobile market globally. Government of India is planning to introduce production-linked incentive plans to increase the manufacturing of semiconductors in the country. Such factors are expected to increase the demand for fluoropolymer tubing during the forecast period in Asia Pacific.

In-depth interviews were conducted with chief executive officers (CEOs), marketing directors, other innovation and technology directors, and executives from various key organizations operating in the fluoropolymer tubing market.

By Company Type - Tier 1: 30%, Tier 2: 30%, and Tier 3: 35%

By Designation - D Level: 40%, C Level: 40%, Others: 20%

By Region – Europe: 20%, APAC: 50%, North America: 10%, South America: 10%, The Middle East & Africa : 10%

The fluoropolymer tubing market comprises major players such as Saint-Gobain (France), Optinova (Finland), TE Connectivity (Switzerland), Ametek (US), Teleflex Inc. (US), Tef-Cap Industries (US), Zeus Industrial Products (US), Fluorotherm (US), Parker Hannifin (US), Swagelok (US), Adtech (UK), and others. The study includes in-depth

competitive analysis of these key players in the fluoropolymer tubing market, with their company profiles, recent developments, and key market strategies.

#### Research Coverage:

The market study covers the fluoropolymer tubing during market and its segments. It aims at estimating the market size and the growth potential of this market across different segments such as by material, applications, and region. The study also includes an in-depth competitive analysis of the key players in the market, along with their company profiles, key observations related to product and business offerings, recent developments, and key market strategies.

#### Key Benefits of Buying the Report:

The report will help the leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall fluoropolymer tubing market and the sub-segments. The stakeholders will be able to understand the competitive landscape and gain more insights to better position their businesses and plan suitable go-to-market strategies. It will also help stakeholders comprehend the pulse of the market and provide them with information on key market drivers, restraints, and opportunities.

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