

## **Aerospace Fluoropolymers - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2029**

Market Report | 2024-02-17 | 100 pages | Mordor Intelligence

### **AVAILABLE LICENSES:**

- Single User License \$4750.00
- Team License (1-7 Users) \$5250.00
- Site License \$6500.00
- Corporate License \$8750.00

### **Report description:**

The Aerospace Fluoropolymers Market size is estimated at USD 732.13 million in 2024, and is expected to reach USD 868.70 million by 2029, growing at a CAGR of 3.48% during the forecast period (2024-2029).

#### Key Highlights

- The supply chain disruption and aircraft order backlogs caused during the COVID-19 pandemic in 2020 greatly affected the aerospace fluoropolymers market. Major fluoropolymer original equipment manufacturers (OEMs) had to reduce their production rate due to less demand from the end-users, leading to trickling revenue streams and raising sustainability issues for small market players. However, post-COVID, the demand witnessed rapid growth due to the recovery demonstrated by the aviation sector and was likely to remain robust as the use of fluoropolymers is expected to increase in aerospace applications.
- Fluoropolymers have been witnessing high demand from the aerospace industry due to their unique properties that make end-user platforms such as aircraft safer and more fuel-efficient. High durability and effective protection against heat, specialty fuels, humidity, and engine vibrations, are a few of those characteristics of fluoropolymers that are catching the eyes of aerospace and aerospace component manufacturers. In addition, the lightweight nature of fluoropolymers in comparison to other materials is another reason leading to the greater adoption of fluoropolymers in aerospace. However, the costs of some of the fluoropolymer resins are at the higher end, which can act as a hindrance to market growth.

#### Aerospace Fluoropolymers Market Trends

Commercial Aviation Segment is Expected to Lead the Market During the Forecast Period

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- The commercial aviation platform is expected to lead the market in the years to come. In 2020, there was a decline in commercial aircraft deliveries due to the COVID-19 pandemic. However, aircraft deliveries improved in 2021, and the major commercial aircraft OEMs, like Airbus and Boeing, increased their aircraft production and delivery rates. With the lifting of travel restrictions, air passenger traffic started to improve.
- With the increase in air passenger traffic, airlines have started operating on all major routes and have also added new routes. United Airlines has announced that it has started operating on new routes, describing it as its "largest transatlantic expansion." With everything returning to normal, new airlines have started operations. Akasa Air, a new Indian airline, started its operations in August 2022, starting with one route with 28 flights a week and gradually adding two more routes.
- In October 2022, Alaska Airlines placed an order for 52 Boeing B737 MAX aircraft with a plan to expand its fleet. The airline announced plans to have an all-Boeing mainline fleet by the end of 2023. With the increase in the production of commercial aircraft, the demand for fluoropolymers will also increase, resulting in the growth of the market.

#### Asia Pacific to Register the Highest CAGR During the Forecast Period

- Asia-Pacific is anticipated to witness tremendous growth over the assessment period in the fluoropolymers market. Asia-Pacific has become a significant hub for the aviation industry over the years. The emerging economies in the region, like India and China, are experiencing a massive surge in their respective commercial aviation markets due to an increased demand for air travel. China is leading the recovery of global commercial aviation due to great domestic demand, helping the airlines witness financial recovery.
- China is the largest market in aviation due to an increase in domestic air passenger traffic, which has surpassed the North American region and is expected to grow rapidly at a rate of 4.4% by 2040, according to Boeing. With the increase in military spending of the countries in the region due to tensions between neighboring countries and with foreign nations investing in arranging military base stations in countries like Australia, military aviation in the Asia-Pacific region is also increasing.
- China is increasing its military airborne capabilities, and a new stealth fighter aircraft, the new version of the J-20, which is the world's first twin-seat stealth fighter aircraft, was unveiled in October 2022. In addition, countries in the Asia-Pacific are cost-friendly due to the low cost of labor and require low investments to set up manufacturing capabilities. Thus, due to the rapidization of the aerospace industry in Asia Pacific, the aerospace fluoropolymers market will continue to experience growth in the region.

#### Aerospace Fluoropolymers Industry Overview

The aerospace fluoropolymers market is consolidated in nature. Daikin Industries, Ltd., The Chemours Company, AGC Group, Arkema S.A., and Solvay S.A. are the prominent players in the market. These major players have adopted various organic as well as inorganic growth strategies such as mergers & acquisitions, new product launches, expansions, agreements, joint ventures, partnerships, and others to strengthen their position in this market.

However, there are several smaller players that function in the aerospace fluoropolymers market. The companies are trying to increase their presence across all regions to increase their customer base. For example, in March 2021, Arkema announced to increase its investment to further increase its fluoropolymer production capacities in Changshu (China) by 35%.

#### Additional Benefits:

- The market estimate (ME) sheet in Excel format

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 3 months of analyst support

## **Table of Contents:**

### 1 INTRODUCTION

1.1 Study Assumptions

1.2 Scope of the Study

### 2 RESEARCH METHODOLOGY

### 3 EXECUTIVE SUMMARY

### 4 MARKET DYNAMICS

4.1 Market Overview

4.2 Market Drivers

4.3 Market Restraints

4.4 Porter's Five Forces Analysis

4.4.1 Threat of New Entrants

4.4.2 Bargaining Power of Buyers/Consumers

4.4.3 Bargaining Power of Suppliers

4.4.4 Threat of Substitute Products

4.4.5 Intensity of Competitive Rivalry

### 5 MARKET SEGMENTATION

5.1 Platform

5.1.1 Commercial Aviation

5.1.2 General Aviation

5.1.3 Military Aviation

5.2 Resin Type

5.2.1 PTFE

5.2.2 ETFE

5.2.3 PFA

5.2.4 FKM

5.2.5 Other Resin Types

5.3 Type

5.3.1 Powder

5.3.2 Pellets

5.3.3 Dispersions

5.4 Component Type

5.4.1 Seals

5.4.2 Wires & Cables

5.4.3 Hoses & Tubes

5.4.4 Films

5.4.5 Coatings

5.4.6 Other Component Types

5.5 Geography

5.5.1 North America

5.5.1.1 United States

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.5.1.2 Canada
- 5.5.2 Europe
  - 5.5.2.1 United Kingdom
  - 5.5.2.2 Germany
  - 5.5.2.3 France
  - 5.5.2.4 Russia
  - 5.5.2.5 Rest of Europe
- 5.5.3 Asia-Pacific
  - 5.5.3.1 China
  - 5.5.3.2 India
  - 5.5.3.3 Japan
  - 5.5.3.4 South Korea
  - 5.5.3.5 Rest of Asia Pacific
- 5.5.4 Latin America
  - 5.5.4.1 Brazil
  - 5.5.4.2 Rest of Latin America
- 5.5.5 Middle East and Africa
  - 5.5.5.1 Saudi Arabia
  - 5.5.5.2 United Arab Emirates
  - 5.5.5.3 South Africa
  - 5.5.5.4 Rest of Middle East and Africa

## 6 COMPETITIVE LANDSCAPE

- 6.1 Company Profiles
  - 6.1.1 Daikin Industries, Ltd.
  - 6.1.2 The Chemours Company
  - 6.1.3 AGC Group
  - 6.1.4 Arkema S.A.
  - 6.1.5 Solvay S.A.
  - 6.1.6 Fluorotherm
  - 6.1.7 Plastics Europe
  - 6.1.8 Dongyue Group
  - 6.1.9 The 3M Company
  - 6.1.10 HaloPolymer, OJSC
  - 6.1.11 Saint-Gobain Group

## 7 MARKET OPPORTUNITIES AND FUTURE TRENDS

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

**Aerospace Fluoropolymers - Market Share Analysis, Industry Trends & Statistics,  
Growth Forecasts 2019 - 2029**

Market Report | 2024-02-17 | 100 pages | Mordor Intelligence

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

**ORDER FORM:**

Select license	License	Price
	Single User License	\$4750.00
	Team License (1-7 Users)	\$5250.00
	Site License	\$6500.00
	Corporate License	\$8750.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-02-26"/>
		Signature	

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

