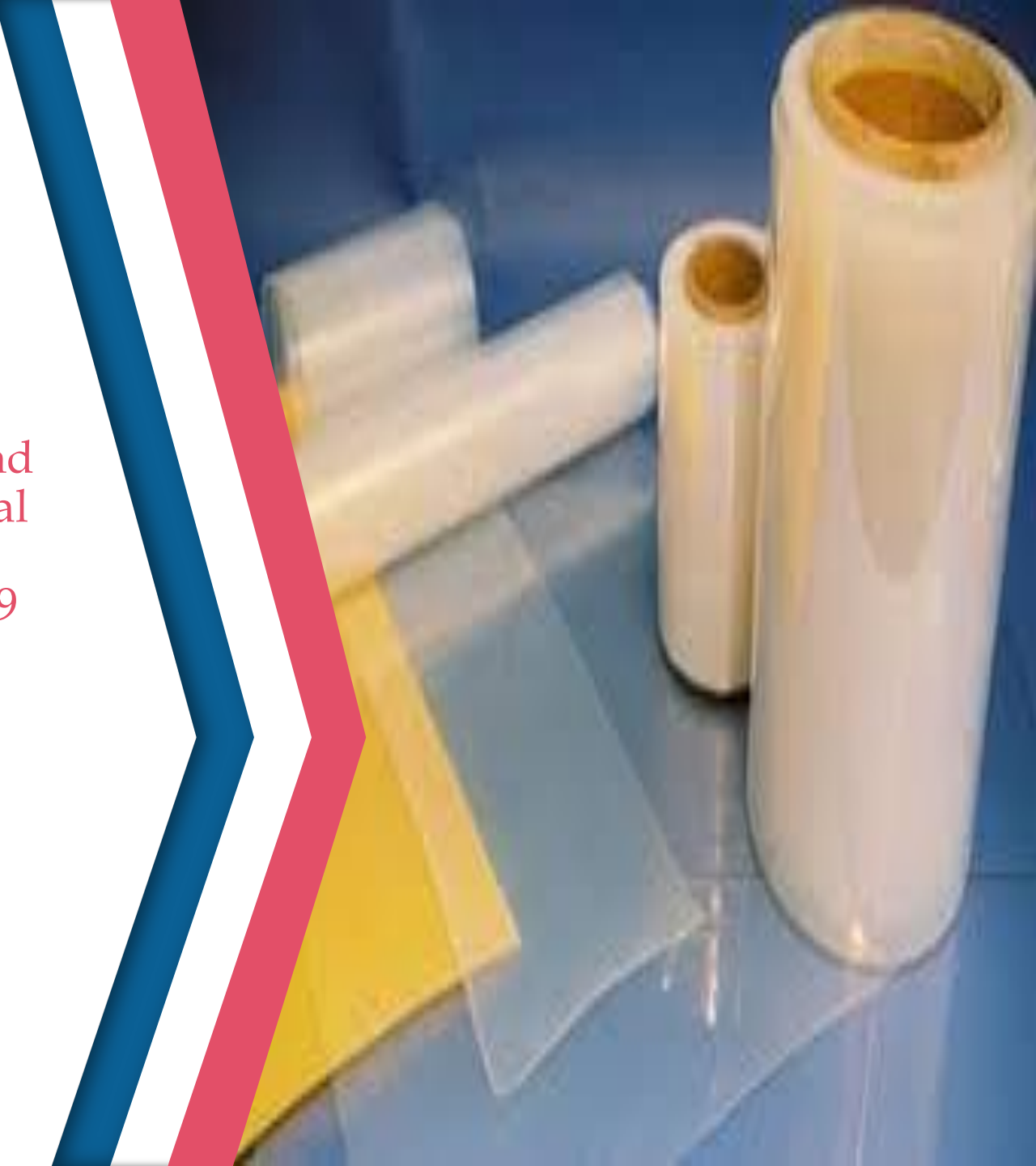


Global Fluoropolymers Market: Analysis By Consumption, By Type (PTFE, PVDF, FEP, Fluoroelastomers, ETFE, PFA, and Others), By Application (Pipe, Tube, Film, Sheet, Roofing, Membrane, Additives, Sealant, and Others), By End User (Industrial Equipment, Automotive, Electrical and Electronics, Construction, and Others), By Region Size and Trends with Impact of COVID-19 and Forecast up to 2028

January 2024



Global Fluoropolymers Market: Coverage

Executive Summary and Scope

Introduction/Market Overview

Global Market Analysis

Regional Market Analysis

Impact Of COVID 19

Dynamics

Competitive Landscape

Company Profiling

Global Fluoropolymers Market: Coverage

Scope of the Report

| Attributes | Details |
|------------------------------|---|
| Title | Global Fluoropolymers Market: Analysis By Consumption, By Type (PTFE, PVDF, FEP, Fluoroelastomers, ETFE, PFA, and Others), By Application (Pipe, Tube, Film, Sheet, Roofing, Membrane, Additives, Sealant, and Others), By End User (Industrial Equipment, Automotive, Electrical and Electronics, Construction, and Others), By Region Size and Trends with Impact of COVID-19 and Forecast up to 2028 |
| Coverage | Global and Regional |
| Regional Coverage | North America (The US, Canada, and Mexico), Europe (Germany, France, Italy, UK, and rest of Europe), Asia Pacific (China, Japan, India, and rest of Asia Pacific), and Rest of the World |
| Market Influencing Variables | Growth Drivers, Challenges, Market Trends |
| Forecast Period of Market | 2023-2028 |
| Competition in the Market | Moderately Consolidated |
| Key Players | Mitsubishi Chemical Group Corporation; The AGC Group; Daikin Industries, Ltd.; Honeywell International Inc.; Saint-Gobain S.A.; 3M Company; DuPont de Nemours, Inc.; The Chemours Company; Gujarat Fluorochemicals Limited; Arkema Group (Arkema S.A.); Dongyue Group; Syensqo; and HaloPolymer, OJSC |

Global Fluoropolymers Market: Coverage

Executive Summary

Fluoropolymers are a class of synthetic polymers characterized by the presence of fluorine atoms in their molecular structure. The fluoropolymers market encompasses all economic activities associated with production, distribution, and consumption of fluoropolymer materials and products, each tailored for specific application and industries. The global market value stood at US\$8.17 billion in 2022, and is expected to reach US\$10.95 billion by 2028. The global fluoropolymers market is expected to grow at a CAGR of 5% over the projected period of 2023-2028. Global fluoropolymers market consumption stood at 311.06 billion tonnes per annum in 2022.

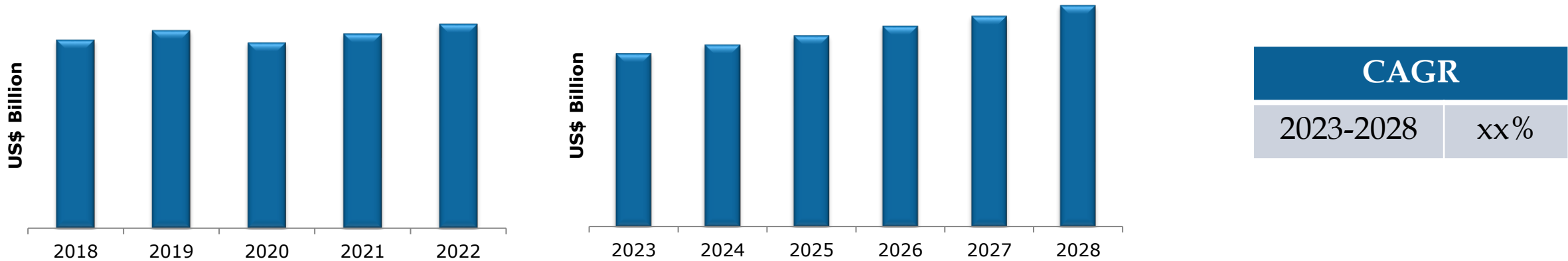
The global fluoropolymers market can be segmented on the basis of type (PTFE, PVDF, FEP, fluoroelastomers, ETFE, PFA, and others), application (pipe, tube, film, sheet, roofing, membrane, additives, sealant, and others), and end user (industrial equipment, automotive, electrical and electronics, construction, and others). Industrial equipment is the largest segment of global fluoropolymer market as a result of increasing demand for high-performance plastics, growing awareness of industrial efficiency, rising trend of industrialization in emerging economies, and rising infrastructure development projects, such as construction of bridges, power plants, and other large-scale facilities. On the basis of region, Asia Pacific held the largest share of global fluoropolymers market in 2022.

The growth of fluoropolymers market was negatively impacted in 2020, as lockdown policies imposed by the government to prevent virus spread forced various end user industries to either shut down or run low on production capacity, resulting in lower production and manufacturing activities by various end user industries, that demand fluoropolymers in applications such as insulated coatings, thermal management, drug delivery, etc. Therefore, a sudden drop in demand for fluoropolymers resulted in a reduced production and lower output generation, negatively impacted the growth rate of global fluoropolymers market during the period 2019-2020.

The global fluoropolymers market has increased from 2020-2022 and the projections are made that the market will continue to rise in the next five years i.e. 2023-2028. The demand for fluoropolymers has been rising significantly in recent years, owing to rapidly growing automotive sector, increasing demand in electrical and electronics sector, surging application in medical sector, expansion of aerospace industry, rising need of fluoropolymers in various other end user industries, etc. Further, the market is expected to grow at a rapid pace, driven by increasing demand of electric vehicles, developing 5G communication technology, ongoing advancements in fluoropolymer processing techniques, rising focus on sustainability, etc. Yet the market faces some challenges such as phasing out of PFAS and PFOA, high prices and limited access to key raw materials, etc.

Fluoropolymers Market: Global Analysis

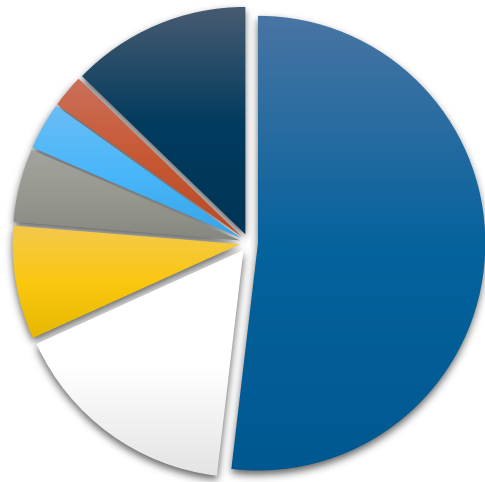
Global Fluoropolymers Market by Value



Global fluoropolymers market was valued at US\$... billion in 2022 and is anticipated to reach up to US\$... billion by 2028 from US\$... billion in 2023, with a CAGR of xx%.

Fluoropolymers Market: Global Analysis

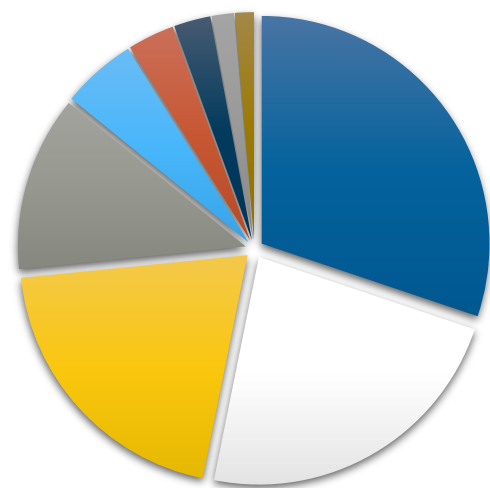
Global Fluoropolymers Market by Type; 2022



| Type | Share (2022) |
|------------------|--------------|
| PTFE | xx% |
| PVDF | xx% |
| FEP | xx% |
| Fluoroelastomers | xx% |
| ETFE | xx% |
| PFA | xx% |
| Others | xx% |

Fluoropolymers Market: Global Analysis

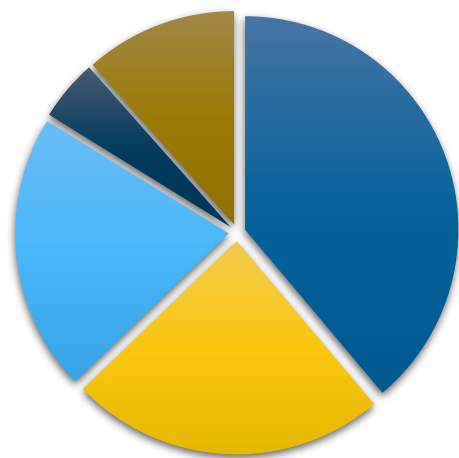
Global Fluoropolymers Market by Application; 2022



| Application | Share (2022) |
|-------------|--------------|
| Pipe | xx% |
| Tube | xx% |
| Film | xx% |
| Sheet | xx% |
| Roofing | xx% |
| Membrane | xx% |
| Additives | xx% |
| Sealant | xx% |
| Others | xx% |

Fluoropolymers Market: Global Analysis

Global Fluoropolymers Market by End User; 2022



| End User | Share (2022) |
|----------------------------|--------------|
| Industrial Equipment | xx% |
| Automotive | xx% |
| Electrical and Electronics | xx% |
| Construction | xx% |
| Others | xx% |

Fluoropolymers Market: Global Analysis

Fluoropolymers Market by Region; 2022



North America, xx%

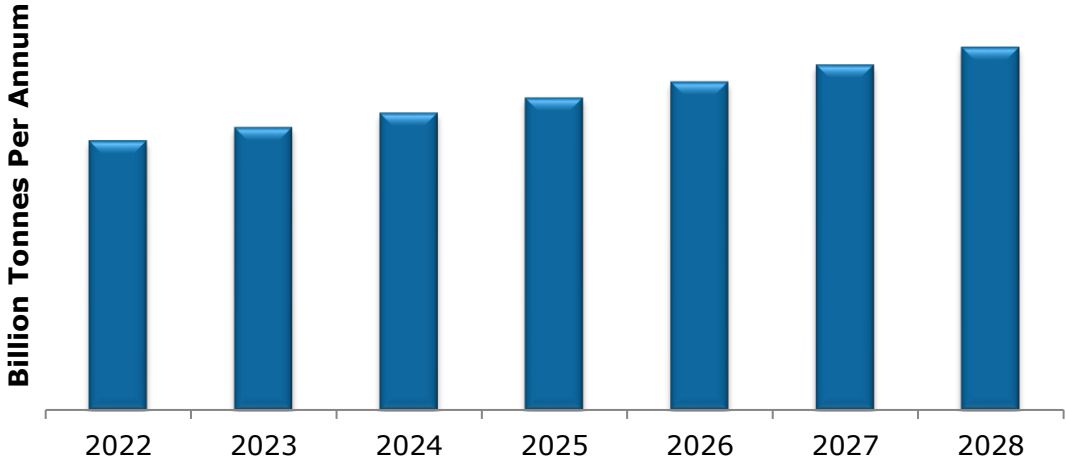
Europe, xx%

Asia Pacific, xx%

Rest of the World, xx%

Fluoropolymers Market: Global Analysis

Global Fluoropolymers Market by Consumption

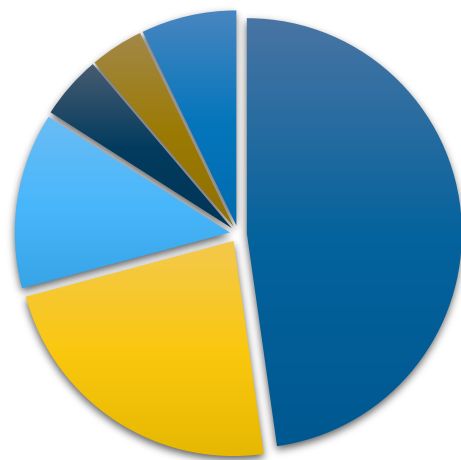


| CAGR | |
|-----------|-----|
| 2023-2028 | xx% |

Global fluoropolymers market consumption was at ... billion tonnes per annum in 2022 and is anticipated to reach up to ... billion tonnes per annum by 2028 from ... billion tonnes per annum in 2023, with a CAGR of xx%.

Fluoropolymers Market: Global Analysis

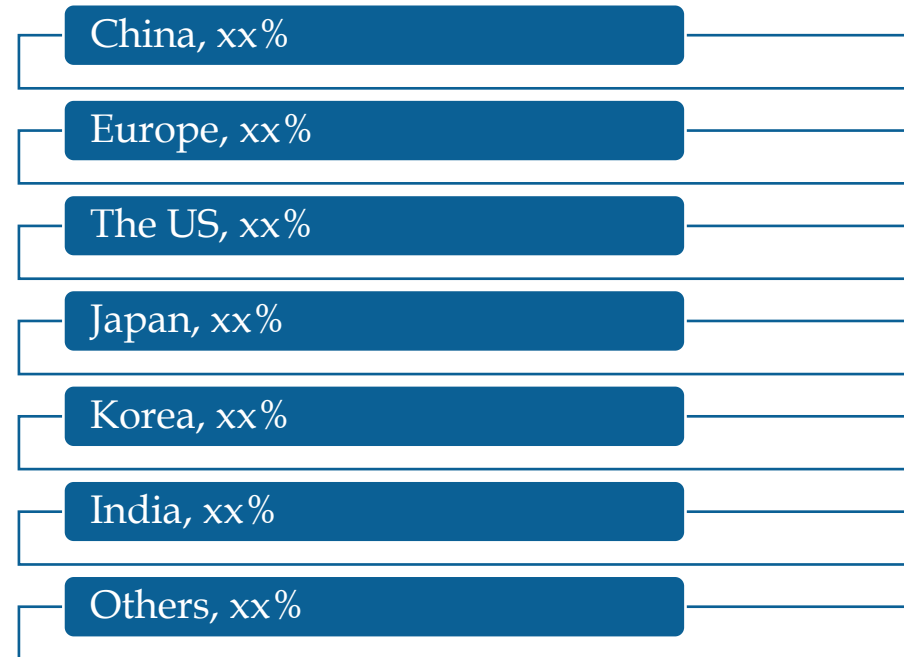
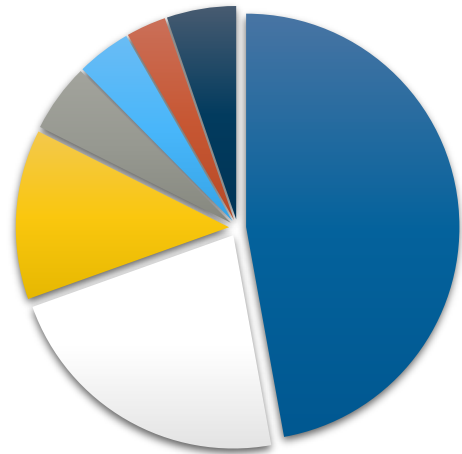
Global Fluoropolymers Market Consumption by Type; 2022



| Type | Share (2022) |
|--------|--------------|
| PTFE | xx% |
| PVDF | xx% |
| FEP | xx% |
| ETFE | xx% |
| PFA | xx% |
| Others | xx% |

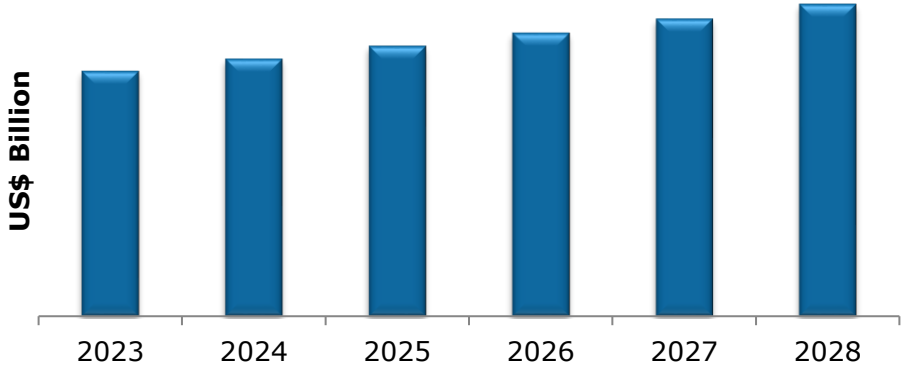
Fluoropolymers Market: Global Analysis

Fluoropolymers Market Consumption by Region; 2022

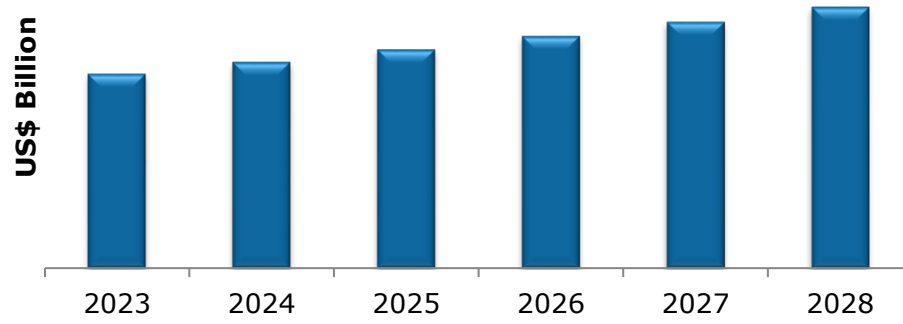


Fluoropolymers Market: Type Analysis

Global PTFE Market by Value



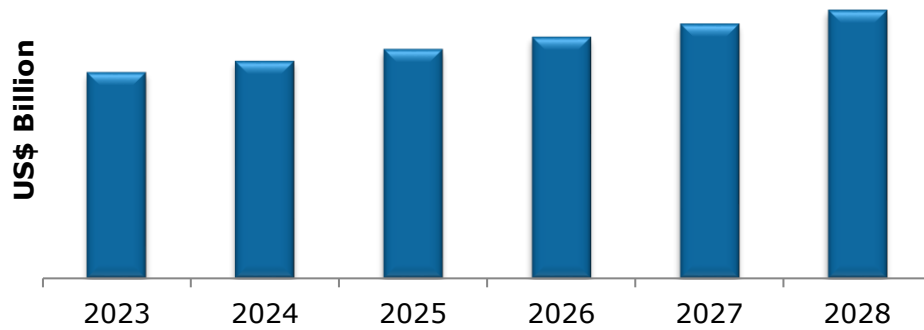
Global PVDF Market by Value



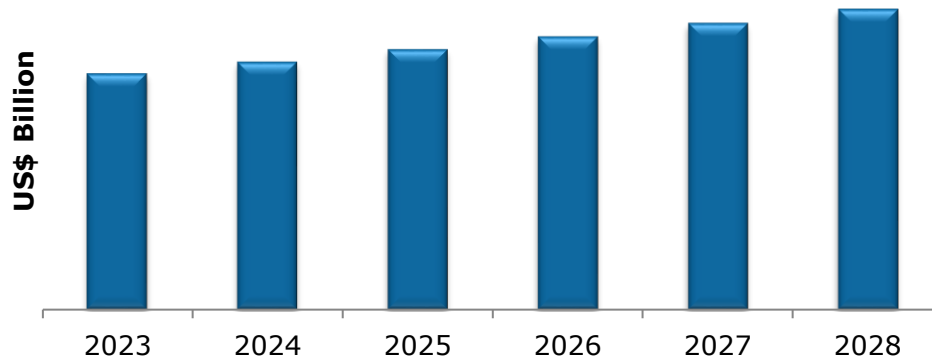
| Type | CAGR (2023-2028) |
|------------------|------------------|
| PTFE | xx% |
| PVDF | xx% |
| FEP | xx% |
| Fluoroelastomers | xx% |
| ETFE | xx% |
| PFA | xx% |
| Others | xx% |

Fluoropolymers Market: Application Analysis

Global Pipe Fluoropolymers Market by Value



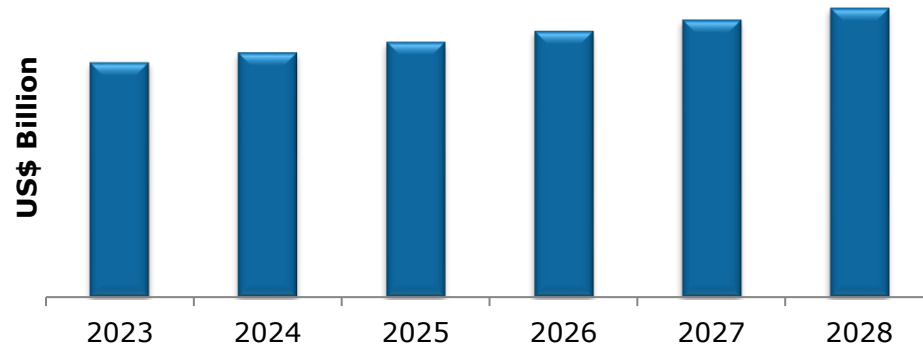
Global Tube Fluoropolymers Market by Value



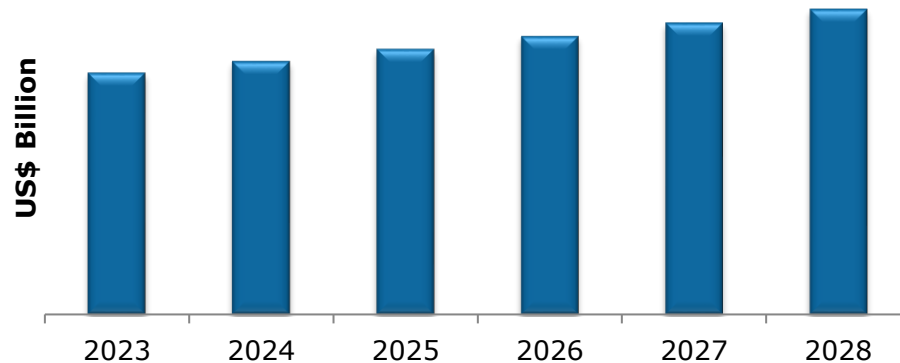
| Application | CAGR (2023-2028) |
|-------------|------------------|
| Pipe | xx% |
| Tube | xx% |
| Film | xx% |
| Sheet | xx% |
| Roofing | xx% |
| Membrane | xx% |
| Additives | xx% |
| Sealant | xx% |
| Others | xx% |

Fluoropolymers Market: End User Analysis

Global Industrial Equipment Fluoropolymers Market by Value



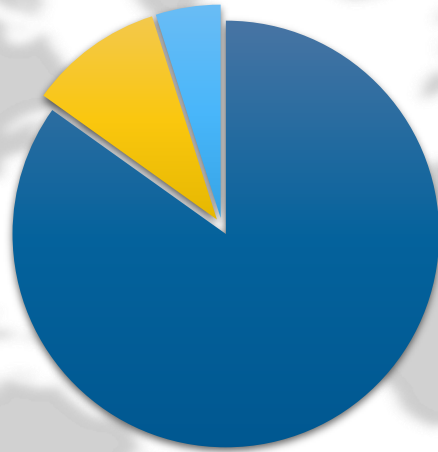
Global Automotive Fluoropolymers Market by Value



| End User | CAGR (2023-2028) |
|----------------------------|------------------|
| Industrial Equipment | xx% |
| Automotive | xx% |
| Electrical and Electronics | xx% |
| Construction | xx% |
| Others | xx% |

North America Fluoropolymers Market: An Analysis

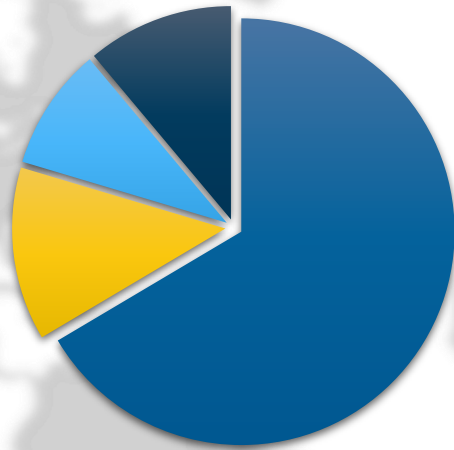
North America Fluoropolymers Market by Region



| Region | Share (2022) | CAGR (2023-2028) |
|--------|--------------|------------------|
| The US | xx% | xx% |
| Canada | xx% | xx% |
| Mexico | xx% | xx% |

Asia Pacific Fluoropolymers Market: An Analysis

Asia Pacific Fluoropolymers Market by Region



| Region | Share (2022) | CAGR (2023-2028) |
|----------------------|--------------|------------------|
| China | xx% | xx% |
| Japan | xx% | xx% |
| India | xx% | xx% |
| Rest of Asia Pacific | xx% | xx% |

Europe Fluoropolymers Market: An Analysis

Europe Fluoropolymers Market by Region



| Region | Share (2022) | CAGR (2023-2028) |
|----------------|--------------|------------------|
| France | xx% | xx% |
| UK | xx% | xx% |
| Germany | xx% | xx% |
| Italy | xx% | xx% |
| Rest of Europe | xx% | xx% |

Global Fluoropolymers Market: Dynamics



Growth Driver

- Rapidly Growing Automotive Sector
- Increasing Demand in Electrical and Electronics Sector

Challenges

- Phasing out of PFAS and PFOA
- High Prices and Limited Access To Key Raw Materials

Market Trends

- Increasing Demand of Electric Vehicles
- Developing 5G Communication Technology

Global Fluoropolymers Market: Competitive Landscape

Players Profiled

- ❑ Mitsubishi Chemical Group Corporation
- ❑ The AGC Group
- ❑ Daikin Industries, Ltd.
- ❑ Honeywell International Inc.
- ❑ Saint-Gobain S.A.
- ❑ 3M Company
- ❑ DuPont de Nemours, Inc.
- ❑ The Chemours Company
- ❑ Gujarat Fluorochemicals Limited
- ❑ Arkema Group (Arkema S.A.)
- ❑ Dongyue Group
- ❑ Syensqo
- ❑ HaloPolymer, OJSC,

Global Fluoropolymers Players by Market Share; 2022
(Percentage, %)

