



# Fluorine-free Firefighting Foam Industry Research Report 2026

| Industry            | Published  | Pages | Format |
|---------------------|------------|-------|--------|
| Chemical & Material | 2026-07-04 | 123   | PDF    |

| Single User | Multi User | Enterprise |
|-------------|------------|------------|
| USD 2,950   | USD 4,430  | USD 5,900  |

## Description

The global Fluorine-free Firefighting Foam market was valued at US\$ million in 2025 and is projected to reach US\$ million by 2032, implying a CAGR of % over 2026–2032.

The North America market for Fluorine-free Firefighting Foam is forecast to increase from US\$ million in 2026 to US\$ million by 2032, corresponding to a CAGR of % over 2026–2032.

The Europe market for Fluorine-free Firefighting Foam is projected to rise from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026–2032.

The Asia Pacific market for Fluorine-free Firefighting Foam is expected to grow from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026–2032.

Leading global manufacturers of Fluorine-free Firefighting Foam include , among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

## Report Scope

This report quantifies the global Fluorine-free Firefighting Foam market in revenue (US\$ million) and, where applicable, sales volume (t), using 2025 as the base year and providing annual historical and forecast data for 2021–2032.

It standardizes definitions of types and applications, harmonizes vendor attribution, and presents comparable time series by company, type, application, and region/country, including indicative price bands (US\$/t) and concentration ratios (CR5/CR10).

The outputs are intended to support strategy development, budgeting, and performance benchmarking for manufacturers, new entrants, channel partners, and investors; the report also reviews technology shifts and notable product introductions relevant to Fluorine-free Firefighting Foam.

## Key Companies & Market Share Insights

This section profiles leading manufacturers, combining 2021–2025 results with a 2026–2032 outlook. It reports revenue, market share, price bands, product and application mix, regional and channel mix, and key developments (M&A, capacity additions, certifications). It also provides global revenue, average price, and—where applicable—sales volume by manufacturer, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

Fluorine-free Firefighting Foam Market by Company

Amerex Corporation

Angus Fire

BIOEX

Dafo Fomtec

Dr. Richard Sthamer

Foamtech Antifire

Fomtec

National Foam

Perimeter Solutions

Profoam

Tyco Fire Protection Products

VSFocum

**Fluorine-free Firefighting Foam Segment by Type**

Synthetic-based

Protein-based

**Fluorine-free Firefighting Foam Segment by Application**

Oil and Gas

Wildland Fires

Structural Fires

Industrial Fires

Others

**Fluorine-free Firefighting Foam Segment by Region**

North America

United States

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Spain

Netherlands

Switzerland

Sweden

Poland

Asia-Pacific

China

Japan

South Korea

India

Australia

Taiwan

Southeast Asia

South America

Brazil

Argentina

Chile

Middle East & Africa

Egypt  
South Africa  
Israel  
Türkiye  
GCC Countries

## Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

## Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Fluorine-free Firefighting Foam market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Fluorine-free Firefighting Foam and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Fluorine-free Firefighting Foam.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

### Chapter 1:

Research objectives, research methods, data sources, data cross-validation;

### Chapter 2:

Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

### Chapter 3:

Detailed analysis of Fluorine-free Firefighting Foam manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

### Chapter 4:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

### Chapter 5:

Production/output, value of Fluorine-free Firefighting Foam by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

#### **Chapter 6:**

Consumption of Fluorine-free Firefighting Foam in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

#### **Chapter 7:**

Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

#### **Chapter 8:**

Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

#### **Chapter 9:**

Analysis of industrial chain, including the upstream and downstream of the industry.

#### **Chapter 10:**

Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

#### **Chapter 11:**

The main points and conclusions of the report.

# Table of Contents

---

## 1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
  - 1.5.1 Secondary Sources
  - 1.5.2 Primary Sources

---

## 2 Market Overview

- 2.1 Product Definition
- 2.2 Fluorine-free Firefighting Foam by Type
  - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
  - 2.2.2 Synthetic-based
  - 2.2.3 Protein-based
- 2.3 Fluorine-free Firefighting Foam by Application
  - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
  - 2.3.2 Oil and Gas
  - 2.3.3 Wildland Fires
  - 2.3.4 Structural Fires
  - 2.3.5 Industrial Fires
  - 2.3.6 Others
- 2.4 Global Market Growth Prospects
  - 2.4.1 Global Fluorine-free Firefighting Foam Production Value Estimates and Forecasts (2021-2032)
  - 2.4.2 Global Fluorine-free Firefighting Foam Production Capacity Estimates and Forecasts (2021-2032)
  - 2.4.3 Global Fluorine-free Firefighting Foam Production Estimates and Forecasts (2021-2032)
  - 2.4.4 Global Fluorine-free Firefighting Foam Market Average Price (2021-2032)

---

## 3 Market Competitive Landscape by Manufacturers

- 3.1 Global Fluorine-free Firefighting Foam Production by Manufacturers (2021-2026)
- 3.2 Global Fluorine-free Firefighting Foam Production Value by Manufacturers (2021-2026)
- 3.3 Global Fluorine-free Firefighting Foam Average Price by Manufacturers (2021-2026)
- 3.4 Global Fluorine-free Firefighting Foam Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Fluorine-free Firefighting Foam Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Fluorine-free Firefighting Foam Manufacturers, Product Type & Application
- 3.7 Global Fluorine-free Firefighting Foam Manufacturers Established Date
- 3.8 Global Fluorine-free Firefighting Foam Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

---

## 4 Manufacturers Profiled

- 4.1 Amerex Corporation
  - 4.1.1 Amerex Corporation Fluorine-free Firefighting Foam Company Information
  - 4.1.2 Amerex Corporation Fluorine-free Firefighting Foam Business Overview
  - 4.1.3 Amerex Corporation Fluorine-free Firefighting Foam Production Capacity, Value and Gross Margin (2021-2026)
  - 4.1.4 Amerex Corporation Product Portfolio
  - 4.1.5 Amerex Corporation Recent Developments

4.2 Angus Fire

- 4.2.1 Angus Fire Fluorine-free Firefighting Foam Company Information
- 4.2.2 Angus Fire Fluorine-free Firefighting Foam Business Overview
- 4.2.3 Angus Fire Fluorine-free Firefighting Foam Production Capacity, Value and Gross Margin (2021-2026)
- 4.2.4 Angus Fire Product Portfolio
- 4.2.5 Angus Fire Recent Developments

4.3 BIOEX

- 4.3.1 BIOEX Fluorine-free Firefighting Foam Company Information
- 4.3.2 BIOEX Fluorine-free Firefighting Foam Business Overview
- 4.3.3 BIOEX Fluorine-free Firefighting Foam Production Capacity, Value and Gross Margin (2021-2026)
- 4.3.4 BIOEX Product Portfolio
- 4.3.5 BIOEX Recent Developments

4.4 Dafo Fomtec

- 4.4.1 Dafo Fomtec Fluorine-free Firefighting Foam Company Information
- 4.4.2 Dafo Fomtec Fluorine-free Firefighting Foam Business Overview
- 4.4.3 Dafo Fomtec Fluorine-free Firefighting Foam Production Capacity, Value and Gross Margin (2021-2026)
- 4.4.4 Dafo Fomtec Product Portfolio
- 4.4.5 Dafo Fomtec Recent Developments

4.5 Dr. Richard Sthamer

- 4.5.1 Dr. Richard Sthamer Fluorine-free Firefighting Foam Company Information
- 4.5.2 Dr. Richard Sthamer Fluorine-free Firefighting Foam Business Overview
- 4.5.3 Dr. Richard Sthamer Fluorine-free Firefighting Foam Production Capacity, Value and Gross Margin (2021-2026)
- 4.5.4 Dr. Richard Sthamer Product Portfolio
- 4.5.5 Dr. Richard Sthamer Recent Developments

4.6 Foamtech Antifire

- 4.6.1 Foamtech Antifire Fluorine-free Firefighting Foam Company Information
- 4.6.2 Foamtech Antifire Fluorine-free Firefighting Foam Business Overview
- 4.6.3 Foamtech Antifire Fluorine-free Firefighting Foam Production Capacity, Value and Gross Margin (2021-2026)
- 4.6.4 Foamtech Antifire Product Portfolio
- 4.6.5 Foamtech Antifire Recent Developments

4.7 Fomtec

- 4.7.1 Fomtec Fluorine-free Firefighting Foam Company Information
- 4.7.2 Fomtec Fluorine-free Firefighting Foam Business Overview
- 4.7.3 Fomtec Fluorine-free Firefighting Foam Production Capacity, Value and Gross Margin (2021-2026)
- 4.7.4 Fomtec Product Portfolio
- 4.7.5 Fomtec Recent Developments

4.8 National Foam

- 4.8.1 National Foam Fluorine-free Firefighting Foam Company Information
- 4.8.2 National Foam Fluorine-free Firefighting Foam Business Overview
- 4.8.3 National Foam Fluorine-free Firefighting Foam Production Capacity, Value and Gross Margin (2021-2026)
- 4.8.4 National Foam Product Portfolio
- 4.8.5 National Foam Recent Developments

4.9 Perimeter Solutions

- 4.9.1 Perimeter Solutions Fluorine-free Firefighting Foam Company Information
- 4.9.2 Perimeter Solutions Fluorine-free Firefighting Foam Business Overview
- 4.9.3 Perimeter Solutions Fluorine-free Firefighting Foam Production Capacity, Value and Gross Margin (2021-2026)
- 4.9.4 Perimeter Solutions Product Portfolio
- 4.9.5 Perimeter Solutions Recent Developments



4.10 Profoam

- 4.10.1 Profoam Fluorine-free Firefighting Foam Company Information
- 4.10.2 Profoam Fluorine-free Firefighting Foam Business Overview
- 4.10.3 Profoam Fluorine-free Firefighting Foam Production Capacity, Value and Gross Margin (2021-2026)
- 4.10.4 Profoam Product Portfolio
- 4.10.5 Profoam Recent Developments

4.11 Tyco Fire Protection Products

- 4.11.1 Tyco Fire Protection Products Fluorine-free Firefighting Foam Company Information
- 4.11.2 Tyco Fire Protection Products Fluorine-free Firefighting Foam Business Overview
- 4.11.3 Tyco Fire Protection Products Fluorine-free Firefighting Foam Production Capacity, Value and Gross Margin (2021-2026)
- 4.11.4 Tyco Fire Protection Products Product Portfolio
- 4.11.5 Tyco Fire Protection Products Recent Developments

4.12 VSFocum

- 4.12.1 VSFocum Fluorine-free Firefighting Foam Company Information
- 4.12.2 VSFocum Fluorine-free Firefighting Foam Business Overview
- 4.12.3 VSFocum Fluorine-free Firefighting Foam Production Capacity, Value and Gross Margin (2021-2026)
- 4.12.4 VSFocum Product Portfolio
- 4.12.5 VSFocum Recent Developments

---

5 Global Fluorine-free Firefighting Foam Production by Region

- 5.1 Global Fluorine-free Firefighting Foam Production Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 5.2 Global Fluorine-free Firefighting Foam Production by Region: 2021-2032
  - 5.2.1 Global Fluorine-free Firefighting Foam Production by Region: 2021-2026
  - 5.2.2 Global Fluorine-free Firefighting Foam Production Forecast by Region (2027-2032)
- 5.3 Global Fluorine-free Firefighting Foam Production Value Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 5.4 Global Fluorine-free Firefighting Foam Production Value by Region: 2021-2032
  - 5.4.1 Global Fluorine-free Firefighting Foam Production Value by Region: 2021-2026
  - 5.4.2 Global Fluorine-free Firefighting Foam Production Value Forecast by Region (2027-2032)
- 5.5 Global Fluorine-free Firefighting Foam Market Price Analysis by Region (2021-2026)
- 5.6 Global Fluorine-free Firefighting Foam Production and Value, YOY Growth
  - 5.6.1 North America Fluorine-free Firefighting Foam Production Value Estimates and Forecasts (2021-2032)
  - 5.6.2 Europe Fluorine-free Firefighting Foam Production Value Estimates and Forecasts (2021-2032)
  - 5.6.3 China Fluorine-free Firefighting Foam Production Value Estimates and Forecasts (2021-2032)
  - 5.6.4 Japan Fluorine-free Firefighting Foam Production Value Estimates and Forecasts (2021-2032)

---

6 Global Fluorine-free Firefighting Foam Consumption by Region

- 6.1 Global Fluorine-free Firefighting Foam Consumption Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 6.2 Global Fluorine-free Firefighting Foam Consumption by Region (2021-2032)
  - 6.2.1 Global Fluorine-free Firefighting Foam Consumption by Region: 2021-2026
  - 6.2.2 Global Fluorine-free Firefighting Foam Forecasted Consumption by Region (2027-2032)
- 6.3 North America
  - 6.3.1 North America Fluorine-free Firefighting Foam Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
  - 6.3.2 North America Fluorine-free Firefighting Foam Consumption by Country (2021-2032)
  - 6.3.3 United States
  - 6.3.4 Canada
  - 6.3.5 Mexico
- 6.4 Europe
  - 6.4.1 Europe Fluorine-free Firefighting Foam Consumption Growth Rate by Country: 2021 VS 2025 VS 2032



|                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------|
| 6.4.2 Europe Fluorine-free Firefighting Foam Consumption by Country (2021-2032)                                                    |
| 6.4.3 Germany                                                                                                                      |
| 6.4.4 France                                                                                                                       |
| 6.4.5 U.K.                                                                                                                         |
| 6.4.6 Italy                                                                                                                        |
| 6.4.7 Russia                                                                                                                       |
| 6.4.8 Spain                                                                                                                        |
| 6.4.9 Netherlands                                                                                                                  |
| 6.4.10 Switzerland                                                                                                                 |
| 6.4.11 Sweden                                                                                                                      |
| 6.4.12 Poland                                                                                                                      |
| 6.5 Asia Pacific                                                                                                                   |
| 6.5.1 Asia Pacific Fluorine-free Firefighting Foam Consumption Growth Rate by Country: 2021 VS 2025 VS 2032                        |
| 6.5.2 Asia Pacific Fluorine-free Firefighting Foam Consumption by Country (2021-2032)                                              |
| 6.5.3 China                                                                                                                        |
| 6.5.4 Japan                                                                                                                        |
| 6.5.5 South Korea                                                                                                                  |
| 6.5.6 India                                                                                                                        |
| 6.5.7 Australia                                                                                                                    |
| 6.5.8 Taiwan                                                                                                                       |
| 6.5.9 Southeast Asia                                                                                                               |
| 6.6 South America, Middle East & Africa                                                                                            |
| 6.6.1 South America, Middle East & Africa Fluorine-free Firefighting Foam Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 |
| 6.6.2 South America, Middle East & Africa Fluorine-free Firefighting Foam Consumption by Country (2021-2032)                       |
| 6.6.3 Brazil                                                                                                                       |
| 6.6.4 Argentina                                                                                                                    |
| 6.6.5 Chile                                                                                                                        |
| 6.6.6 Turkey                                                                                                                       |
| 6.6.7 GCC Countries                                                                                                                |

---

## 7 Segment by Type

|                                                                                                    |
|----------------------------------------------------------------------------------------------------|
| 7.1 Global Fluorine-free Firefighting Foam Production by Type (2021-2032)                          |
| 7.1.1 Global Fluorine-free Firefighting Foam Production by Type (2021-2032) & (t)                  |
| 7.1.2 Global Fluorine-free Firefighting Foam Production Market Share by Type (2021-2032)           |
| 7.2 Global Fluorine-free Firefighting Foam Production Value by Type (2021-2032)                    |
| 7.2.1 Global Fluorine-free Firefighting Foam Production Value by Type (2021-2032) & (US\$ Million) |
| 7.2.2 Global Fluorine-free Firefighting Foam Production Value Market Share by Type (2021-2032)     |
| 7.3 Global Fluorine-free Firefighting Foam Price by Type (2021-2032)                               |

---

## 8 Segment by Application

|                                                                                                           |
|-----------------------------------------------------------------------------------------------------------|
| 8.1 Global Fluorine-free Firefighting Foam Production by Application (2021-2032)                          |
| 8.1.1 Global Fluorine-free Firefighting Foam Production by Application (2021-2032) & (t)                  |
| 8.1.2 Global Fluorine-free Firefighting Foam Production Market Share by Application (2021-2032)           |
| 8.2 Global Fluorine-free Firefighting Foam Production Value by Application (2021-2032)                    |
| 8.2.1 Global Fluorine-free Firefighting Foam Production Value by Application (2021-2032) & (US\$ Million) |
| 8.2.2 Global Fluorine-free Firefighting Foam Production Value Market Share by Application (2021-2032)     |
| 8.3 Global Fluorine-free Firefighting Foam Price by Application (2021-2032)                               |

---

## 9 Value Chain and Sales Channels Analysis of the Market



- 9.1 Fluorine-free Firefighting Foam Value Chain Analysis
  - 9.1.1 Fluorine-free Firefighting Foam Key Raw Materials
  - 9.1.2 Raw Materials Key Suppliers
  - 9.1.3 Fluorine-free Firefighting Foam Production Mode & Process
- 9.2 Fluorine-free Firefighting Foam Sales Channels Analysis
  - 9.2.1 Direct Comparison with Distribution Share
  - 9.2.2 Fluorine-free Firefighting Foam Distributors
  - 9.2.3 Fluorine-free Firefighting Foam Customers

---

## 10 Global Fluorine-free Firefighting Foam Analyzing Market Dynamics

- 10.1 Fluorine-free Firefighting Foam Industry Trends
- 10.2 Fluorine-free Firefighting Foam Industry Drivers
- 10.3 Fluorine-free Firefighting Foam Industry Opportunities and Challenges
- 10.4 Fluorine-free Firefighting Foam Industry Restraints

---

## 11 Report Conclusion

## 12 Disclaimer

# List of Tables and Figures

## List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global Fluorine-free Firefighting Foam Production by Manufacturers (t) & (2021-2026)
- Table 6: Global Fluorine-free Firefighting Foam Production Market Share by Manufacturers
- Table 7: Global Fluorine-free Firefighting Foam Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 8: Global Fluorine-free Firefighting Foam Production Value Market Share by Manufacturers (2021-2026)
- Table 9: Global Fluorine-free Firefighting Foam Average Price (USD/t) of Manufacturers (2021-2026)
- Table 10: Global Fluorine-free Firefighting Foam Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global Fluorine-free Firefighting Foam Key Manufacturers, Manufacturing Sites & Headquarters
- Table 12: Global Fluorine-free Firefighting Foam Manufacturers, Product Type & Application
- Table 13: Global Fluorine-free Firefighting Foam Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global Fluorine-free Firefighting Foam by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 17: Amerex Corporation Company Information
- Table 18: Amerex Corporation Business Overview
- Table 19: Amerex Corporation Fluorine-free Firefighting Foam Production (t), Value (US\$ Million), Price (USD/t) and Gross Margin (2021-2026)
- Table 20: Amerex Corporation Fluorine-free Firefighting Foam Product Portfolio
- Table 21: Amerex Corporation Recent Development
- Table 22: Angus Fire Company Information
- Table 23: Angus Fire Business Overview
- Table 24: Angus Fire Fluorine-free Firefighting Foam Production (t), Value (US\$ Million), Price (USD/t) and Gross Margin (2021-2026)
- Table 25: Angus Fire Fluorine-free Firefighting Foam Product Portfolio
- Table 26: Angus Fire Recent Development
- Table 27: BIOEX Company Information
- Table 28: BIOEX Business Overview
- Table 29: BIOEX Fluorine-free Firefighting Foam Production (t), Value (US\$ Million), Price (USD/t) and Gross Margin (2021-2026)
- Table 30: BIOEX Fluorine-free Firefighting Foam Product Portfolio
- Table 31: BIOEX Recent Development
- Table 32: Dafo Fomtec Company Information
- Table 33: Dafo Fomtec Business Overview
- Table 34: Dafo Fomtec Fluorine-free Firefighting Foam Production (t), Value (US\$ Million), Price (USD/t) and Gross Margin (2021-2026)
- Table 35: Dafo Fomtec Fluorine-free Firefighting Foam Product Portfolio
- Table 36: Dafo Fomtec Recent Development
- Table 37: Dr. Richard Sthamer Company Information
- Table 38: Dr. Richard Sthamer Business Overview
- Table 39: Dr. Richard Sthamer Fluorine-free Firefighting Foam Production (t), Value (US\$ Million), Price (USD/t) and Gross Margin (2021-2026)
- Table 40: Dr. Richard Sthamer Fluorine-free Firefighting Foam Product Portfolio
- Table 41: Dr. Richard Sthamer Recent Development
- Table 42: Foamtech Antifire Company Information
- Table 43: Foamtech Antifire Business Overview
- Table 44: Foamtech Antifire Fluorine-free Firefighting Foam Production (t), Value (US\$ Million), Price (USD/t) and Gross Margin (2021-2026)
- Table 45: Foamtech Antifire Fluorine-free Firefighting Foam Product Portfolio
- Table 46: Foamtech Antifire Recent Development
- Table 47: Fomtec Company Information
- Table 48: Fomtec Business Overview

- Table 49: Fomtec Fluorine-free Firefighting Foam Production (t), Value (US\$ Million), Price (USD/t) and Gross Margin (2021-2026)
- Table 50: Fomtec Fluorine-free Firefighting Foam Product Portfolio
- Table 51: Fomtec Recent Development
- Table 52: National Foam Company Information
- Table 53: National Foam Business Overview
- Table 54: National Foam Fluorine-free Firefighting Foam Production (t), Value (US\$ Million), Price (USD/t) and Gross Margin (2021-2026)
- Table 55: National Foam Fluorine-free Firefighting Foam Product Portfolio
- Table 56: National Foam Recent Development
- Table 57: Perimeter Solutions Company Information
- Table 58: Perimeter Solutions Business Overview
- Table 59: Perimeter Solutions Fluorine-free Firefighting Foam Production (t), Value (US\$ Million), Price (USD/t) and Gross Margin (2021-2026)
- Table 60: Perimeter Solutions Fluorine-free Firefighting Foam Product Portfolio
- Table 61: Perimeter Solutions Recent Development
- Table 62: Profoam Company Information
- Table 63: Profoam Business Overview
- Table 64: Profoam Fluorine-free Firefighting Foam Production (t), Value (US\$ Million), Price (USD/t) and Gross Margin (2021-2026)
- Table 65: Profoam Fluorine-free Firefighting Foam Product Portfolio
- Table 66: Profoam Recent Development
- Table 67: Tyco Fire Protection Products Company Information
- Table 68: Tyco Fire Protection Products Business Overview
- Table 69: Tyco Fire Protection Products Fluorine-free Firefighting Foam Production (t), Value (US\$ Million), Price (USD/t) and Gross Margin (2021-2026)
- Table 70: Tyco Fire Protection Products Fluorine-free Firefighting Foam Product Portfolio
- Table 71: Tyco Fire Protection Products Recent Development
- Table 72: VSFocum Company Information
- Table 73: VSFocum Business Overview
- Table 74: VSFocum Fluorine-free Firefighting Foam Production (t), Value (US\$ Million), Price (USD/t) and Gross Margin (2021-2026)
- Table 75: VSFocum Fluorine-free Firefighting Foam Product Portfolio
- Table 76: VSFocum Recent Development
- Table 77: Global Fluorine-free Firefighting Foam Production Comparison by Region: 2021 VS 2025 VS 2032 (t)
- Table 78: Global Fluorine-free Firefighting Foam Production by Region (2021-2026) & (t)
- Table 79: Global Fluorine-free Firefighting Foam Production Market Share by Region (2021-2026)
- Table 80: Global Fluorine-free Firefighting Foam Production Forecast by Region (2027-2032) & (t)
- Table 81: Global Fluorine-free Firefighting Foam Production Market Share Forecast by Region (2027-2032)
- Table 82: Global Fluorine-free Firefighting Foam Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 83: Global Fluorine-free Firefighting Foam Production Value by Region (2021-2026) & (US\$ Million)
- Table 84: Global Fluorine-free Firefighting Foam Production Value Market Share by Region (2021-2026)
- Table 85: Global Fluorine-free Firefighting Foam Production Value Forecast by Region (2027-2032) & (US\$ Million)
- Table 86: Global Fluorine-free Firefighting Foam Market Average Price (USD/t) by Region (2021-2026)
- Table 87: Global Fluorine-free Firefighting Foam Market Average Price (USD/t) by Region (2027-2032)
- Table 88: Global Fluorine-free Firefighting Foam Consumption Comparison by Region: 2021 VS 2025 VS 2032 (t)
- Table 89: Global Fluorine-free Firefighting Foam Consumption by Region (2021-2026) & (t)
- Table 90: Global Fluorine-free Firefighting Foam Consumption Market Share by Region (2021-2026)
- Table 91: Global Fluorine-free Firefighting Foam Forecasted Consumption by Region (2027-2032) & (t)
- Table 92: Global Fluorine-free Firefighting Foam Forecasted Consumption Market Share by Region (2027-2032)
- Table 93: North America Fluorine-free Firefighting Foam Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (t)
- Table 94: North America Fluorine-free Firefighting Foam Consumption by Country (2021-2026) & (t)
- Table 95: North America Fluorine-free Firefighting Foam Consumption by Country (2027-2032) & (t)
- Table 96: Europe Fluorine-free Firefighting Foam Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (t)
- Table 97: Europe Fluorine-free Firefighting Foam Consumption by Country (2021-2026) & (t)
- Table 98: Europe Fluorine-free Firefighting Foam Consumption by Country (2027-2032) & (t)
- Table 99: Asia Pacific Fluorine-free Firefighting Foam Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (t)
- Table 100: Asia Pacific Fluorine-free Firefighting Foam Consumption by Country (2021-2026) & (t)
- Table 101: Asia Pacific Fluorine-free Firefighting Foam Consumption by Country (2027-2032) & (t)
- Table 102: South America, Middle East & Africa Fluorine-free Firefighting Foam Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (t)
- Table 103: South America, Middle East & Africa Fluorine-free Firefighting Foam Consumption by Country (2021-2026) & (t)
- Table 104: South America, Middle East & Africa Fluorine-free Firefighting Foam Consumption by Country (2027-2032) & (t)
- Table 105: Global Fluorine-free Firefighting Foam Production by Type (2021-2026) & (t)

- Table 106: Global Fluorine-free Firefighting Foam Production by Type (2027-2032) & (t)
- Table 107: Global Fluorine-free Firefighting Foam Production Market Share by Type (2021-2026)
- Table 108: Global Fluorine-free Firefighting Foam Production Market Share by Type (2027-2032)
- Table 109: Global Fluorine-free Firefighting Foam Production Value by Type (2021-2026) & (US\$ Million)
- Table 110: Global Fluorine-free Firefighting Foam Production Value by Type (2027-2032) & (US\$ Million)
- Table 111: Global Fluorine-free Firefighting Foam Production Value Market Share by Type (2021-2026)
- Table 112: Global Fluorine-free Firefighting Foam Production Value Market Share by Type (2027-2032)
- Table 113: Global Fluorine-free Firefighting Foam Price by Type (2021-2026) & (USD/t)
- Table 114: Global Fluorine-free Firefighting Foam Price by Type (2027-2032) & (USD/t)
- Table 115: Global Fluorine-free Firefighting Foam Production by Application (2021-2026) & (t)
- Table 116: Global Fluorine-free Firefighting Foam Production by Application (2027-2032) & (t)
- Table 117: Global Fluorine-free Firefighting Foam Production Market Share by Application (2021-2026)
- Table 118: Global Fluorine-free Firefighting Foam Production Market Share by Application (2027-2032)
- Table 119: Global Fluorine-free Firefighting Foam Production Value by Application (2021-2026) & (US\$ Million)
- Table 120: Global Fluorine-free Firefighting Foam Production Value by Application (2027-2032) & (US\$ Million)
- Table 121: Global Fluorine-free Firefighting Foam Production Value Market Share by Application (2021-2026)
- Table 122: Global Fluorine-free Firefighting Foam Production Value Market Share by Application (2027-2032)
- Table 123: Global Fluorine-free Firefighting Foam Price by Application (2021-2026) & (USD/t)
- Table 124: Global Fluorine-free Firefighting Foam Price by Application (2027-2032) & (USD/t)
- Table 125: Key Raw Materials
- Table 126: Raw Materials Key Suppliers
- Table 127: Fluorine-free Firefighting Foam Distributors List
- Table 128: Fluorine-free Firefighting Foam Customers List
- Table 129: Fluorine-free Firefighting Foam Industry Trends
- Table 130: Fluorine-free Firefighting Foam Industry Drivers
- Table 131: Fluorine-free Firefighting Foam Industry Restraints
- Table 132: Authors List of This Report

## List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: Fluorine-free Firefighting Foam Product Image
- Figure 5: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: Synthetic-based Product Image
- Figure 7: Protein-based Product Image
- Figure 8: Oil and Gas Product Image
- Figure 9: Wildland Fires Product Image
- Figure 10: Structural Fires Product Image
- Figure 11: Industrial Fires Product Image
- Figure 12: Others Product Image
- Figure 13: Global Fluorine-free Firefighting Foam Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 14: Global Fluorine-free Firefighting Foam Production Value (2021-2032) & (US\$ Million)
- Figure 15: Global Fluorine-free Firefighting Foam Production Capacity (2021-2032) & (t)
- Figure 16: Global Fluorine-free Firefighting Foam Production (2021-2032) & (t)
- Figure 17: Global Fluorine-free Firefighting Foam Average Price (USD/t) & (2021-2032)
- Figure 18: Global Fluorine-free Firefighting Foam Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 19: Global Top 5 and 10 Fluorine-free Firefighting Foam Players Market Share by Production Value in 2025
- Figure 20: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 21: Global Fluorine-free Firefighting Foam Production Comparison by Region: 2021 VS 2025 VS 2032 (t)
- Figure 22: Global Fluorine-free Firefighting Foam Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 23: Global Fluorine-free Firefighting Foam Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 24: Global Fluorine-free Firefighting Foam Production Value Market Share by Region: 2021 VS 2025 VS 2032
- Figure 25: North America Fluorine-free Firefighting Foam Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 26: Europe Fluorine-free Firefighting Foam Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 27: China Fluorine-free Firefighting Foam Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 28: Japan Fluorine-free Firefighting Foam Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 29: Global Fluorine-free Firefighting Foam Consumption Comparison by Region: 2021 VS 2025 VS 2032 (t)
- Figure 30: Global Fluorine-free Firefighting Foam Consumption Market Share by Region: 2021 VS 2025 VS 2032
- Figure 31: North America Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 32: North America Fluorine-free Firefighting Foam Consumption Market Share by Country (2021-2032)
- Figure 33: United States Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)



- Figure 34: United States Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 35: Canada Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 36: Mexico Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 37: Europe Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 38: Europe Fluorine-free Firefighting Foam Consumption Market Share by Country (2021-2032)
- Figure 39: Germany Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 40: France Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 41: U.K. Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 42: Italy Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 43: Russia Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 44: Spain Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 45: Netherlands Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 46: Switzerland Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 47: Sweden Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 48: Poland Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 49: Asia Pacific Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 50: Asia Pacific Fluorine-free Firefighting Foam Consumption Market Share by Country (2021-2032)
- Figure 51: China Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 52: Japan Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 53: South Korea Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 54: India Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 55: Australia Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 56: Taiwan Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 57: Southeast Asia Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 58: South America, Middle East & Africa Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 59: South America, Middle East & Africa Fluorine-free Firefighting Foam Consumption Market Share by Country (2021-2032)
- Figure 60: Brazil Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 61: Argentina Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 62: Chile Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 63: Turkey Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 64: GCC Countries Fluorine-free Firefighting Foam Consumption and Growth Rate (2021-2032) & (t)
- Figure 65: Global Fluorine-free Firefighting Foam Production Market Share by Type (2021-2032)
- Figure 66: Global Fluorine-free Firefighting Foam Production Value Market Share by Type (2021-2032)
- Figure 67: Global Fluorine-free Firefighting Foam Price (USD/t) by Type (2021-2032)
- Figure 68: Global Fluorine-free Firefighting Foam Production Market Share by Application (2021-2032)
- Figure 69: Global Fluorine-free Firefighting Foam Production Value Market Share by Application (2021-2032)
- Figure 70: Global Fluorine-free Firefighting Foam Price (USD/t) by Application (2021-2032)
- Figure 71: Fluorine-free Firefighting Foam Value Chain
- Figure 72: Fluorine-free Firefighting Foam Production Mode & Process
- Figure 73: Direct Comparison with Distribution Share
- Figure 74: Distributors Profiles
- Figure 75: Fluorine-free Firefighting Foam Industry Opportunities and Challenges