

# **Global Hybrid Fabrics Market Size study, by Fiber (Glass/Carbon, Carbon/Uhmwpe, Glass/Aramid, Carbon/Aramid), Application Form (Composite and Non-Composite), End-use Industry (Automotive & Transportation, Aerospace & Defense, Wind Energy) and Regional Forecasts 2021-2027**

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## **Abstracts**

Global Hybrid Fabrics Market to reach USD 647 million by 2027.

Global Hybrid Fabrics Market is valued approximately USD 228.93 million in 2020 and is anticipated to grow with a healthy growth rate of more than 16.0 % over the forecast period 2021-2027. The global hybrid fabric market is driven by a balance of cost and performance attributes. The worldwide hybrid fabric market is likely to benefit from increased demand for hybrid textiles in the automotive & transportation, sports & leisure, and wind energy industries. The capacity of hybrid fabrics to reduce product weight and toughness has led to an increase in demand for them and obtained widespread application in sports equipment as well. The penetration of hybrid textiles into fresh applications as well as an increase in demand for these fabrics in emerging markets is a boon for fabric industry. For Instance: In May 2018, Exel Composites (Finland) acquired Diversified Structural Composites, a hybrid fabric maker in US. The company also makes hybrid composites with a glass-carbon hybrid fabric. Exel Composites' business in North America has been strengthened as a result of the acquisition. Similarly, Solvay (Belgium) created a new hybrid composite material in October 2017. The composite is created from a mix of carbon and glass fibers. Polyacrylamide is the resin utilized. The advancement has aided the company's position in the hybrid composites sector. However, the high prices of carbon/aramid and lack of low-cost substitutes, such as carbon/glass and glass/aramid impede the growth of the

market over the forecast period of 2021-2027. Also, rising cost of raw resources such as carbon and glass fibers is forcing manufacturers to save costs by using natural replacements like cotton, wool, and polyester fabrics. These basic ingredients are inexpensive and readily available and are likely to increase the market growth during the forecast period.

The regional analysis of global Hybrid Fabrics Market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. Europe is the ruling region across the world in terms of market share owing to significant global players such as DSM, Solvay SA, SGL Group, Gurit Holding AG and Kordcarbon AS. Whereas, Asia-Pacific is also anticipated to exhibit CAGR over the forecast period 2021-2027. Factors such as shifting trends towards lightweight fabrics for automotive with high strength would create lucrative growth prospects for the Hybrid Fabrics Market across Asia-Pacific region.

Major market player included in this report are:

Royal DSM N.V. (Netherlands)

SGL Group (Germany)

Gurit (Switzerland)

Hexcel Corporation (US)

Exel Composites (Finland)

Solvay (Belgium)

Textum Inc. (US)

BGF Industries, Inc. (US)

HACOTECH GmbH (Germany)

Arrow Technical Textiles Pvt. Ltd. (India).

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Fiber:

Glass/Carbon

Carbon/UHMWPE

Glass/Aramid

Carbon/Aramid

Others (aramid/diolen, carbon/polyethylene, carbon/zylon, carbon/flax, steel/glass, carbon/vectran, and glass/aramid/carbon)

By Application form:

Composite Form

Non-composite Form

By end-use industry

Automotive & transportation

Aerospace & Defense

Wind Energy

Sports & Recreational

Consumer Goods

Others (marine, building & construction, and electronics & electrical)

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

*Global Hybrid Fabrics Market Size study, by Fiber (Glass/Carbon, Carbon/Uhmwpe, Glass/Aramid, Carbon/Aramid),...*

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Hybrid Fabrics Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Million)
  - 1.2.1. Hybrid Fabrics Market, by Region, 2019-2027 (USD Million)
  - 1.2.2. Hybrid Fabrics Market, by Fibre, 2019-2027 (USD Million)
  - 1.2.3. Hybrid Fabrics Market, by Application Form, 2019-2027 (USD Million)
  - 1.2.4. Hybrid Fabrics Market, by End-Use Industry, 2019-2027 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL HYBRID FABRICS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### CHAPTER 3. GLOBAL HYBRID FABRICS MARKET DYNAMICS

- 3.1. Hybrid Fabrics Market Impact Analysis (2019-2027)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increased demand for hybrid textiles
    - 3.1.1.2. Balance in Cost and Performance Characteristics
  - 3.1.2. Market Challenges
    - 3.1.2.1 High Technology Cost Associated with the Manufacturing of Hybrid Fabric
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Penetration of Hybrid Fabric in Newer Applications
    - 3.1.3.2. Growing Demand from Emerging Markets

### CHAPTER 4. GLOBAL HYBRID FABRICS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers

- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)
- 4.2. PEST Analysis
  - 4.2.1. Political
  - 4.2.2. Economical
  - 4.2.3. Social
  - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL HYBRID FABRICS MARKET, BY FIBRE**

- 5.1. Market Snapshot
- 5.2. Global Hybrid Fabrics Market by Fibre, Performance - Potential Analysis
- 5.3. Global Hybrid Fabrics Market Estimates & Forecasts by Fibre 2018-2027 (USD Million)
- 5.4. Hybrid Fabrics Market, Sub Segment Analysis
  - 5.4.1. Glass/Carbon
  - 5.4.2. Carbon/UHMWPE
  - 5.4.3. Glass/Aramid
  - 5.4.4. Carbon/Aramid
  - 5.4.5. Others (aramid/diolen, carbon/polyethylene, carbon/zylon, carbon/flax, steel/glass, carbon/vectran, and glass/aramid/carbon)

## **CHAPTER 6. GLOBAL HYBRID FABRICS MARKET, BY APPLICATION FORM**

- 6.1. Market Snapshot
- 6.2. Global Hybrid Fabrics Market by Application Form, Performance - Potential Analysis
- 6.3. Global Hybrid Fabrics Market Estimates & Forecasts by Application Form 2018-2027 (USD Million)
- 6.4. Hybrid Fabrics Market, Sub Segment Analysis
  - 6.4.1. Composite Form
  - 6.4.2. Non-composite Form

## **CHAPTER 7. GLOBAL HYBRID FABRICS MARKET, BY END-USE INDUSTRY**

- 7.1. Market Snapshot
- 7.2. Global Hybrid Fabrics Market by , Performance - Potential Analysis
- 7.3. Global Hybrid Fabrics Market Estimates & Forecasts by Application Form 2018-2027 (USD Million)
- 7.4. Hybrid Fabrics Market, Sub Segment Analysis
  - 7.4.1. Automotive & transportation
  - 7.4.2. Aerospace & Defence
  - 7.4.3. Wind Energy
  - 7.4.4. Sports & Recreational
  - 7.4.5. Consumer Goods
  - 7.4.6. Others (marine, building & construction, and electronics & electrical)

## **CHAPTER 8. GLOBAL HYBRID FABRICS MARKET, REGIONAL ANALYSIS**

- 8.1. Hybrid Fabrics Market, Regional Market Snapshot
- 8.2. North America Hybrid Fabrics Market
  - 8.2.1. U.S. Hybrid Fabrics Market
    - 8.2.1.1. Fibre breakdown estimates & forecasts, 2018-2027
    - 8.2.1.2. Application Form breakdown estimates & forecasts, 2018-2027
    - 8.2.1.3. End-Use Industry breakdown estimates & forecasts, 2018-2027
  - 8.2.2. Canada Hybrid Fabrics Market
- 8.3. Europe Hybrid Fabrics Market Snapshot
  - 8.3.1. U.K. Hybrid Fabrics Market
  - 8.3.2. Germany Hybrid Fabrics Market
  - 8.3.3. France Hybrid Fabrics Market
  - 8.3.4. Spain Hybrid Fabrics Market
  - 8.3.5. Italy Hybrid Fabrics Market
  - 8.3.6. Rest of Europe Hybrid Fabrics Market
- 8.4. Asia-Pacific Hybrid Fabrics Market Snapshot
  - 8.4.1. China Hybrid Fabrics Market
  - 8.4.2. India Hybrid Fabrics Market
  - 8.4.3. Japan Hybrid Fabrics Market
  - 8.4.4. Australia Hybrid Fabrics Market
  - 8.4.5. South Korea Hybrid Fabrics Market
  - 8.4.6. Rest of Asia Pacific Hybrid Fabrics Market
- 8.5. Latin America Hybrid Fabrics Market Snapshot
  - 8.5.1. Brazil Hybrid Fabrics Market
  - 8.5.2. Mexico Hybrid Fabrics Market

## 8.6. Rest of The World Hybrid Fabrics Market

# CHAPTER 9. COMPETITIVE INTELLIGENCE

## 9.1. Top Market Strategies

## 9.2. Company Profiles

### 9.3. Royal DSM N.V. (Netherlands)

#### 9.3.1.1. Key Information

#### 9.3.1.2. Overview

#### 9.3.1.3. Financial (Subject to Data Availability)

#### 9.3.1.4. Product Summary

#### 9.3.1.5. Recent Developments

### 9.3.2. SGL Group (Germany)

### 9.3.3. Gurit (Switzerland)

### 9.3.4. Hexcel Corporation (US)

### 9.3.5. Exel Composites (Finland)

### 9.3.6. Solvay (Belgium)

### 9.3.7. Textum Inc. (US)

### 9.3.8. BGF Industries, Inc. (US)

### 9.3.9. HACOTECH GmbH (Germany)

### 9.3.10. Arrow Technical Textiles Pvt. Ltd. (India).

# CHAPTER 10. RESEARCH PROCESS

## 10.1. Research Process

### 10.1.1. Data Mining

### 10.1.2. Analysis

### 10.1.3. Market Estimation

### 10.1.4. Validation

### 10.1.5. Publishing

## 10.2. Research Attributes

## 10.3. Research Assumption



## List Of Tables

### LIST OF TABLES

- TABLE 1. Global Hybrid Fabrics Market, report scope
- TABLE 2. Global Hybrid Fabrics Market estimates & forecasts by Region 2018-2027 (USD Million)
- TABLE 3. Global Hybrid Fabrics Market estimates & forecasts by Fibre 2018-2027 (USD Million)
- TABLE 4. Global Hybrid Fabrics Market estimates & forecasts by Application Form 2018-2027 (USD Million)
- TABLE 5. Global Hybrid Fabrics Market estimates & forecasts by End-Use Industry 2018-2027 (USD Million)
- TABLE 6.
- TABLE 7. Global Hybrid Fabrics Market by segment, estimates & forecasts, 2018-2027 (USD Million)
- TABLE 8. Global Hybrid Fabrics Market by region, estimates & forecasts, 2018-2027 (USD Million)
- TABLE 9. Global Hybrid Fabrics Market by segment, estimates & forecasts, 2018-2027 (USD Million)
- TABLE 10. Global Hybrid Fabrics Market by region, estimates & forecasts, 2018-2027 (USD Million)
- TABLE 11. Global Hybrid Fabrics Market by segment, estimates & forecasts, 2018-2027 (USD Million)
- TABLE 12. Global Hybrid Fabrics Market by region, estimates & forecasts, 2018-2027 (USD Million)
- TABLE 13. Global Hybrid Fabrics Market by segment, estimates & forecasts, 2018-2027 (USD Million)
- TABLE 14. Global Hybrid Fabrics Market by region, estimates & forecasts, 2018-2027 (USD Million)
- TABLE 15. Global Hybrid Fabrics Market by segment, estimates & forecasts, 2018-2027 (USD Million)
- TABLE 16. Global Hybrid Fabrics Market by region, estimates & forecasts, 2018-2027 (USD Million)
- TABLE 17. U.S. Hybrid Fabrics Market estimates & forecasts, 2018-2027 (USD Million)
- TABLE 18. U.S. Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)
- TABLE 19. U.S. Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 20. Canada Hybrid Fabrics Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 21. Canada Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 22. Canada Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 23. UK Hybrid Fabrics Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 24. UK Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 25. UK Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 26. Germany Hybrid Fabrics Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 27. Germany Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 28. Germany Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 29. RoE Hybrid Fabrics Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 30. RoE Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 31. RoE Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 32. China Hybrid Fabrics Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 33. China Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 34. China Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 35. India Hybrid Fabrics Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 36. India Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 37. India Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 38. Japan Hybrid Fabrics Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 39. Japan Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 40. Japan Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 41. RoAPAC Hybrid Fabrics Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 42. RoAPAC Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 43. RoAPAC Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 44. Brazil Hybrid Fabrics Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 45. Brazil Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 46. Brazil Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 47. Mexico Hybrid Fabrics Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 48. Mexico Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 49. Mexico Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 50. RoLA Hybrid Fabrics Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 51. RoLA Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 52. RoLA Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 53. Row Hybrid Fabrics Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 54. Row Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 55. Row Hybrid Fabrics Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 56. List of secondary sources, used in the study of global Hybrid Fabrics Market

TABLE 57. List of primary sources, used in the study of global Hybrid Fabrics Market

TABLE 58. Years considered for the study

TABLE 59. Exchange rates considered

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Hybrid Fabrics Market, research methodology
- FIG 2. Global Hybrid Fabrics Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Hybrid Fabrics Market, key trends 2020
- FIG 5. Global Hybrid Fabrics Market, growth prospects 2021-2027
- FIG 6. Global Hybrid Fabrics Market, porters 5 force model
- FIG 7. Global Hybrid Fabrics Market, pest analysis
- FIG 8. Global Hybrid Fabrics Market, value chain analysis
- FIG 9. Global Hybrid Fabrics Market by segment, 2018 & 2027 (USD Million)
- FIG 10. Global Hybrid Fabrics Market by segment, 2018 & 2027 (USD Million)
- FIG 11. Global Hybrid Fabrics Market by segment, 2018 & 2027 (USD Million)
- FIG 12. Global Hybrid Fabrics Market by segment, 2018 & 2027 (USD Million)
- FIG 13. Global Hybrid Fabrics Market by segment, 2018 & 2027 (USD Million)
- FIG 14. Global Hybrid Fabrics Market, regional snapshot 2018 & 2027
- FIG 15. North America Hybrid Fabrics Market 2018 & 2027 (USD Million)
- FIG 16. Europe Hybrid Fabrics Market 2018 & 2027 (USD Million)
- FIG 17. Asia pacific Hybrid Fabrics Market 2018 & 2027 (USD Million)
- FIG 18. Latin America Hybrid Fabrics Market 2018 & 2027 (USD Million)
- FIG 19. Global Hybrid Fabrics Market, company market share analysis (2020)

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