

# Carbon Fiber Tape Market by Form (Prepreg Tape, Dry Tape), Resin (Epoxy, Thermoplastic, Polyamide), Manufacturing Process (Hot Melt, Solvent Dip), End-use Industry (Aerospace, Marine, Pipe & Tank, Sporting Goods), and Region - Global Forecast to 2027

<https://marketpublishers.com/r/C78CECD4463EN.html>

Date: December 2022

Pages: 229

Price: US\$ 4,950.00 (Single User License)

ID: C78CECD4463EN

## Abstracts

The global carbon fiber tape market size is expected to grow from USD 2.4 billion in 2022 to USD 4.4 billion by 2027, at a CAGR of 13.0% between 2022 and 2027. The significant growth of the carbon fiber tape market is attributed to the increasing demand from aerospace and pipe & tank end-use industries across the globe. In comparison to conventional materials such as aluminum and steel, carbon fiber tape offers strength, tenacity, density, and thermal and electrical conductivity, fatigue, and corrosion resistance properties.

“Thermoplastic resin is the fastest-growing segment in the carbon fiber prepreg tape market in terms of value.”

Thermoplastic resin is projected to register the highest CAGR in terms of value between 2022 and 2027. . PEEK is the most widely used thermoplastic resin used in the making of carbon fiber prepreg tapes. The main advantage of thermoplastic resin as matrix material is that the composites formed can be reshaped and reformed, hence are eco-friendly in comparison to thermoset resin. Thermoplastic-resin based carbon fiber prepreg tapes provide high impact strength, better surface quality, less product rejection, high rigidity at elevated and sub-zero temperatures, and creep resistance under harsh environments. PEEK resin offers excellent chemical resistance. It also possesses good mechanical properties.

“Hot melt is the largest manufacturing process for carbon fiber prepreg tape in terms of value and volume.”

In the hot melt manufacturing process, heat and pressure are used to soak resins in the fibers. Hot melt process, is an eco-friendly process because very low percentage of solvents are used for the manufacturing of carbon fiber prepreg tapes. Furthermore, this process is less hazardous for the environment, and there are no organic solvents consumed or emitted during operations. This process requires less coating, and high-speed production is possible with no thermal stress of the substrate.

“On the basis of form prepreg tape dominate the carbon fiber tape market in terms of value.”

Prepreg tapes are widely used in aerospace, sporting goods and pipe & tanks industries for different applications. They have some applications in wind energy, automotive, and medical industries for instance manufacturing of turbine blades, cosmetic components, prosthetics, and other applications. In the aerospace industry, carbon fiber prepreg tape is largely used in Boeing 737MAX, COMAC C919, and A320 neo.

“Aerospace is the largest end-use industry of carbon fiber tape in terms of value and volume.”

The growth of the aerospace industry is driven by the need for fuel-efficient and technologically advanced aircraft. Carbon fiber tapes have high strength to weight ratio when compared to other materials hence it gives an advantage to aircraft manufacturers to make a low weight aircraft with more efficient designs, structurally and aerodynamically. Carbon fiber slit tapes are used in aircraft seat frames as it reduces the weight of the aircraft seats by 30% in comparison to traditional aluminum frame seats. It is also used in lightweight sandwich panels for ultralight aircraft. Unidirectional carbon fiber prepreg tapes are mostly preferred in aircraft due to their higher strength and stiffness than woven tapes.

“North America is the leading carbon fiber tape market in terms of value.”

North America is the largest carbon fiber tape market in terms of value. The key reason for this growth includes the demand for carbon fiber tape in the aerospace industry in the region. The region is home to some of the prominent manufacturers of carbon fiber tapes, such as Hexcel Corporation and Solvay. These companies are engaged in the

production of high-quality carbon fiber tapes used in the aerospace & defense, marine, construction & infrastructure, and pipe & tank industries.

This study has been validated through primary interviews conducted with various industry experts globally. These primary sources have been divided into the following three categories:

By Company Type- Tier 1- 60%, Tier 2- 20%, and Tier 3- 20%

By Designation- C Level- 33%, Director Level- 33%, and Managers- 34%

By Region- North America- 20%, Europe- 25%, Asia Pacific (APAC) - 25%, Latin America-10%, Middle East & Africa (MEA)-20%,

The report provides a comprehensive analysis of company profiles listed below:

Toray Industries, Inc. (Japan)

Hexcel Corporation (US)

Teijin Limited (Japan)

Mitsubishi Chemical Holdings (Japan)

SGL Group (Germany)

Evonik Industries (Germany)

SABIC (Saudi Arabia)

Solvay (Belgium)

Royal DSM (Netherlands)

## Research Coverage

This report covers the global carbon fiber tape market and forecasts the market size

*Carbon Fiber Tape Market by Form (Prepreg Tape, Dry Tape), Resin (Epoxy, Thermoplastic, Polyamide), Manufactur...*

until 2027. It includes the following market segmentation – Resin (Epoxy, Thermoplastic, Bismaleimide, Polyamide, Others), Form (Prepreg Tape, Dry Tape), Manufacturing Process ( Hot Melt, Solvent Dip), End-use Industry (Aerospace & Defense, Marine, Pipe & Tank, Construction & Infrastructure, Sporting Goods, and Others) and Region (Europe, North America, APAC, Latin America, and MEA). Porter's Five Forces Analysis, along with the drivers, restraints, opportunities, and challenges, have been discussed in the report. It also provides company profiles and competitive strategies adopted by the major players in the global carbon fiber tape market.

Key benefits of buying the report:

The report is expected to help market leaders/new entrants in this market in the following ways:

1. This report segments the global carbon fiber tape market comprehensively. It provides the closest approximations of the revenues for the overall market and the sub-segments across different verticals and regions.
2. The report helps stakeholders understand the pulse of the carbon fiber tape market 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 better their position in their businesses. The competitive landscape section includes the competitor ecosystem, new product development, agreement, and acquisition.

Reasons to buy the report:

The report will help leaders/new entrants in this market by providing them with the closest approximations of the revenues for the overall carbon fiber tape market and the sub-segments. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

## Contents

### 1 INTRODUCTION

- 1.1 STUDY OBJECTIVES
- 1.2 MARKET DEFINITION
  - 1.2.1 INCLUSIONS AND EXCLUSIONS
- 1.3 MARKET SCOPE
  - 1.3.1 MARKET SEGMENTATION
  - 1.3.2 REGIONAL SCOPE
- 1.4 YEARS CONSIDERED
- 1.5 CURRENCY CONSIDERED
- 1.6 UNIT CONSIDERED
- 1.7 LIMITATIONS
- 1.8 STAKEHOLDERS
- 1.9 SUMMARY OF CHANGES

### 2 RESEARCH METHODOLOGY

#### 2.1 RESEARCH DATA

##### FIGURE 1 CARBON FIBER TAPE MARKET: RESEARCH DESIGN

- 2.1.1 SECONDARY DATA
- 2.1.2 PRIMARY DATA
  - 2.1.2.1 Primary interviews – Top carbon fiber tape manufacturers
  - 2.1.2.2 Breakdown of primary interviews
  - 2.1.2.3 Key industry insights

#### 2.2 BASE NUMBER CALCULATION

- 2.2.1 APPROACH 1: DEMAND-SIDE ANALYSIS
- 2.2.2 APPROACH 2: SUPPLY-SIDE ANALYSIS

#### 2.3 FORECAST NUMBER CALCULATION

- 2.3.1 SUPPLY SIDE
- 2.3.2 DEMAND SIDE

#### 2.4 MARKET SIZE ESTIMATION

- 2.4.1 BOTTOM-UP APPROACH

##### FIGURE 2 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

- 2.4.2 TOP-DOWN APPROACH

##### FIGURE 3 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

#### 2.5 DATA TRIANGULATION

##### FIGURE 4 CARBON FIBER TAPE MARKET: DATA TRIANGULATION

- 2.6 IMPACT OF RECESSION
- 2.7 FACTOR ANALYSIS
- 2.8 RESEARCH ASSUMPTIONS
- 2.9 RESEARCH LIMITATIONS AND RISKS

### **3 EXECUTIVE SUMMARY**

FIGURE 5 AEROSPACE END-USE INDUSTRY TO DOMINATE CARBON FIBER TAPE MARKET

FIGURE 6 PREPREG TAPE ACCOUNTED FOR LARGER MARKET SHARE IN 2021

FIGURE 7 EPOXY RESIN SEGMENT DOMINATED PREPREG TAPE MARKET IN 2021

FIGURE 8 HOT MELT SEGMENT ACCOUNTED FOR LARGER SHARE OF PREPREG TAPE MARKET IN 2021

FIGURE 9 NORTH AMERICA WAS LARGEST CARBON FIBER TAPE MARKET IN 2021

### **4 PREMIUM INSIGHTS**

4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN CARBON FIBER TAPE MARKET

FIGURE 10 HIGH DEMAND FROM AEROSPACE & DEFENSE END-USE INDUSTRY TO DRIVE MARKET

4.2 CARBON FIBER TAPE MARKET, BY FORM AND REGION, 2021

FIGURE 11 PREPREG TAPE SEGMENT AND NORTH AMERICA ACCOUNTED FOR LARGEST SHARES

4.3 CARBON FIBER TAPE MARKET, BY END-USE INDUSTRY

FIGURE 12 AEROSPACE & DEFENSE TO BE LARGEST END-USE INDUSTRY DURING FORECAST PERIOD

4.4 CARBON FIBER PREPREG TAPE MARKET, BY RESIN TYPE

FIGURE 13 EPOXY WAS LARGEST SEGMENT OF MARKET

4.5 CARBON FIBER PREPREG TAPE MARKET, BY MANUFACTURING PROCESS

FIGURE 14 HOT MELT PROCESS ACCOUNTED FOR LARGER MARKET SHARE

4.6 CARBON FIBER TAPE MARKET, BY KEY COUNTRIES

FIGURE 15 GERMANY TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

### **5 MARKET OVERVIEW**

## 5.1 INTRODUCTION

## 5.2 MARKET DYNAMICS

### FIGURE 16 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN CARBON FIBER TAPE MARKET

#### 5.2.1 DRIVERS

- 5.2.1.1 Increasing use in primary and secondary aircraft structures
- 5.2.1.2 Superior properties of carbon fiber tapes
- 5.2.1.3 Growing demand from construction industry
- 5.2.1.4 Multifunctional carbon fiber tapes for automotive composites

#### 5.2.2 RESTRAINTS

- 5.2.2.1 High processing and manufacturing costs of carbon fiber
- 5.2.2.2 COVID-19 impact

#### 5.2.3 OPPORTUNITIES

- 5.2.3.1 Increasing penetration in newer applications
- 5.2.3.2 Growing demand in emerging markets

#### 5.2.4 CHALLENGES

- 5.2.4.1 Developing low-cost technologies
- 5.2.4.2 Market chain recovery from impact of COVID-19
- 5.2.4.3 Transition from thermosetting resin to thermoplastic resin in prepreg carbon

fiber tapes

## 5.3 PORTER'S FIVE FORCES ANALYSIS

### FIGURE 17 PORTER'S FIVE FORCES ANALYSIS OF CARBON FIBER TAPE MARKET

#### 5.3.1 THREAT OF NEW ENTRANTS

#### 5.3.2 THREAT OF SUBSTITUTES

#### 5.3.3 BARGAINING POWER OF SUPPLIERS

#### 5.3.4 BARGAINING POWER OF BUYERS

#### 5.3.5 INTENSITY OF COMPETITIVE RIVALRY

### TABLE 1 PORTER'S FIVE FORCES ANALYSIS OF CARBON FIBER TAPE MARKET

## 5.4 SUPPLY CHAIN ANALYSIS

### TABLE 2 CARBON FIBER TAPE MARKET: SUPPLY CHAIN

## 5.5 PRICING ANALYSIS

#### 5.5.1 AVERAGE SELLING PRICE BY END-USE INDUSTRY, BY KEY PLAYERS

### FIGURE 18 AVERAGE SELLING PRICE BY TOP THREE END-USE INDUSTRIES, BY KEY PLAYERS (USD/KG)

## 5.6 AVERAGE SELLING PRICE, BY REGION

### TABLE 3 AVERAGE SELLING PRICE OF CARBON FIBER TAPE, BY REGION

## 5.7 KEY STAKEHOLDERS AND BUYING CRITERIA

#### 5.7.1 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 19 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP THREE END-USE INDUSTRIES

TABLE 4 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP THREE END-USE INDUSTRIES

5.7.2 BUYING CRITERIA

FIGURE 20 KEY BUYING CRITERIA FOR TOP THREE END-USE INDUSTRIES

TABLE 5 KEY BUYING CRITERIA FOR TOP THREE END-USE INDUSTRIES

5.8 TECHNOLOGY ANALYSIS

5.9 KEY CONFERENCES AND EVENTS (2022–2023)

TABLE 6 CARBON FIBER TAPE MARKET: KEY CONFERENCES AND EVENTS (2022–2023)

5.10 GLOBAL REGULATORY FRAMEWORK AND ITS IMPACT ON CARBON FIBER TAPE MARKET

5.10.1 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 7 NORTH AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 8 EUROPE: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 9 ASIA PACIFIC: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

5.11 ECOSYSTEM ANALYSIS

5.11.1 RAW MATERIAL ANALYSIS

5.11.2 MANUFACTURING PROCESS ANALYSIS

5.11.3 FINAL PRODUCT ANALYSIS

FIGURE 21 ECOSYSTEM ANALYSIS OF CARBON FIBER TAPE MARKET

5.12 VALUE CHAIN ANALYSIS

FIGURE 22 VALUE CHAIN ANALYSIS OF CARBON FIBER TAPE MARKET: MAXIMUM VALUE ADDITION DURING CARBON FIBER TAPE RAW MATERIAL AND MANUFACTURING PHASES

5.13 TRADE ANALYSIS: KEY MARKETS FOR IMPORT/EXPORT

5.13.1 JAPAN

5.13.2 US

5.13.3 GERMANY

5.13.4 CHINA

5.14 CASE STUDIES

5.15 TRENDS IMPACTING CUSTOMER BUSINESS

5.16 PATENT ANALYSIS

5.16.1 METHODOLOGY



## 5.16.2 LIST OF PATENTS

### TABLE 10 LIST OF PATENTS

## **6 CARBON FIBER TAPE MARKET, BY FORM**

### 6.1 INTRODUCTION

FIGURE 23 CARBON FIBER PREPREG TAPE SEGMENT TO DOMINATE MARKET

TABLE 11 CARBON FIBER TAPE MARKET SIZE, BY FORM, 2018–2021 (USD MILLION)

TABLE 12 CARBON FIBER TAPE MARKET SIZE, BY FORM, 2018–2021 (KILOTON)

TABLE 13 CARBON FIBER TAPE MARKET SIZE, BY FORM, 2022–2027 (USD MILLION)

TABLE 14 CARBON FIBER TAPE MARKET SIZE, BY FORM, 2022–2027 (KILOTON)

### 6.2 PREPREG TAPE

6.2.1 AUTOMATED PROCESSING TECHNOLOGIES TO DRIVE USE OF PREPREG TAPES

FIGURE 24 DEMAND FOR CARBON FIBER PREPREG TAPE TO BE HIGHEST IN NORTH AMERICA

TABLE 15 CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2018–2021 (USD MILLION)

TABLE 16 CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2018–2021 (KILOTON)

TABLE 17 CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

TABLE 18 CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2022–2027 (KILOTON)

### 6.3 DRY TAPE

6.3.1 UNIQUE PROPERTIES TO INCREASE DEMAND FROM END-USE INDUSTRIES

TABLE 19 CARBON FIBER DRY TAPE MARKET SIZE, BY REGION, 2018–2021 (USD MILLION)

TABLE 20 CARBON FIBER DRY TAPE MARKET SIZE, BY REGION, 2018–2021 (KILOTON)

TABLE 21 CARBON FIBER DRY TAPE MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

TABLE 22 CARBON FIBER DRY TAPE MARKET SIZE, BY REGION, 2022–2027 (KILOTON)

## **7 CARBON FIBER PREPREG TAPE MARKET, BY RESIN**

## 7.1 INTRODUCTION

FIGURE 25 EPOXY SEGMENT TO DOMINATE CARBON FIBER PREPREG TAPE MARKET

TABLE 23 CARBON FIBER PREPREG TAPE MARKET SIZE, BY RESIN, 2018–2021 (USD MILLION)

TABLE 24 CARBON FIBER PREPREG TAPE MARKET SIZE, BY RESIN, 2018–2021 (KILOTON)

TABLE 25 CARBON FIBER PREPREG TAPE MARKET SIZE, BY RESIN, 2022–2027 (USD MILLION)

TABLE 26 CARBON FIBER PREPREG TAPE MARKET SIZE, BY RESIN, 2022–2027 (KILOTON)

## 7.2 EPOXY

7.2.1 EXCELLENT MECHANICAL PROPERTIES TO INCREASE ITS DEMAND

FIGURE 26 DEMAND FOR EPOXY RESIN TO BE HIGHEST IN NORTH AMERICA

TABLE 27 EPOXY-BASED CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2018–2021 (USD MILLION)

TABLE 28 EPOXY-BASED CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2018–2021 (KILOTON)

TABLE 29 EPOXY-BASED CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

TABLE 30 EPOXY-BASED CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2022–2027 (KILOTON)

## 7.3 POLYAMIDE (PA)

7.3.1 SUPERIOR CHEMICAL PROPERTIES TO DRIVE DEMAND FROM END-USE INDUSTRIES

TABLE 31 POLYAMIDE-BASED CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2018–2021 (USD MILLION)

TABLE 32 POLYAMIDE-BASED CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2018–2021 (KILOTON)

TABLE 33 POLYAMIDE-BASED CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

TABLE 34 POLYAMIDE-BASED CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2022–2027 (KILOTON)

## 7.4 BISMALLEIMIDE (BMI)

7.4.1 ABILITY TO RETAIN PHYSICAL PROPERTIES AT HIGH TEMPERATURES TO DRIVE MARKET

TABLE 35 BISMALLEIMIDE-BASED CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2018–2021 (USD MILLION)

TABLE 36 BISMALEIMIDE-BASED CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2018–2021 (KILOTON)

TABLE 37 BISMALEIMIDE-BASED CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

TABLE 38 BISMALEIMIDE-BASED CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2022–2027 (KILOTON)

#### 7.5 THERMOPLASTIC

7.5.1 ABILITY TO BE RESHAPED AND REFORMED TO BOOST DEMAND

TABLE 39 THERMOPLASTIC-BASED CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2018–2021 (USD MILLION)

TABLE 40 THERMOPLASTIC-BASED CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2018–2021 (KILOTON)

TABLE 41 THERMOPLASTIC-BASED CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

TABLE 42 THERMOPLASTIC-BASED CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2022–2027 (KILOTON)

#### 7.6 OTHERS

7.6.1 POLYURETHANE

7.6.2 VINYL ESTER

7.6.3 POLYESTER

TABLE 43 OTHER RESINS-BASED CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2018–2021 (USD MILLION)

TABLE 44 OTHER RESINS-BASED CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2018–2021 (KILOTON)

TABLE 45 OTHER RESINS-BASED CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

TABLE 46 OTHER RESINS-BASED CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2022–2027 (KILOTON)

## 8 CARBON FIBER PREPREG TAPE MARKET, BY MANUFACTURING PROCESS

### 8.1 INTRODUCTION

FIGURE 27 HOT MELT MANUFACTURING PROCESS TO DOMINATE CARBON FIBER PREPREG TAPE MARKET

TABLE 47 CARBON FIBER PREPREG TAPE MARKET SIZE, BY MANUFACTURING PROCESS, 2018–2021 (USD MILLION)

TABLE 48 CARBON FIBER PREPREG TAPE MARKET SIZE, BY MANUFACTURING PROCESS, 2018–2021 (KILOTON)

TABLE 49 CARBON FIBER PREPREG TAPE MARKET SIZE, BY MANUFACTURING

PROCESS, 2022–2027 (USD MILLION)

TABLE 50 CARBON FIBER PREPREG TAPE MARKET SIZE, BY MANUFACTURING PROCESS, 2022–2027 (KILOTON)

8.2 HOT MELT MANUFACTURING PROCESS

8.2.1 ENVIRONMENT-FRIENDLY PROCESS DUE TO USE OF WATER-BASED AND SOLVENT-FREE ADHESIVES TO DRIVE DEMAND

FIGURE 28 DEMAND FOR HOT MELT PROCESS TO BE HIGHEST IN NORTH AMERICA

TABLE 51 HOT MELT MANUFACTURING PROCESS: CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2018–2021 (USD MILLION)

TABLE 52 HOT MELT MANUFACTURING PROCESS: CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2018–2021 (KILOTON)

TABLE 53 HOT MELT MANUFACTURING PROCESS: CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

TABLE 54 HOT MELT MANUFACTURING PROCESS: CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2022–2027 (KILOTON)

8.3 SOLVENT DIP MANUFACTURING PROCESS

8.3.1 OLDER PROCESS OF MANUFACTURING CARBON FIBER PREPREG TAPES

TABLE 55 SOLVENT DIP MANUFACTURING PROCESS: CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2018–2021 (USD MILLION)

TABLE 56 SOLVENT DIP MANUFACTURING PROCESS: CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2018–2021 (KILOTON)

TABLE 57 SOLVENT DIP MANUFACTURING PROCESS: CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

TABLE 58 SOLVENT DIP MANUFACTURING PROCESS: CARBON FIBER PREPREG TAPE MARKET SIZE, BY REGION, 2022–2027 (KILOTON)

## **9 CARBON FIBER TAPE MARKET, BY END-USE INDUSTRY**

9.1 INTRODUCTION

FIGURE 29 AEROSPACE & DEFENSE END-USE INDUSTRY TO DOMINATE CARBON FIBER TAPE MARKET

TABLE 59 CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 60 CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 61 CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 62 CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY,

2022–2027 (KILOTON)

## 9.2 AEROSPACE & DEFENSE

9.2.1 EXCELLENT STRENGTH-TO-WEIGHT CAPABILITY OF CARBON FIBER TAPES TO INCREASE THEIR DEMAND

FIGURE 30 NORTH AMERICA TO LEAD CARBON FIBER TAPE MARKET IN AEROSPACE & DEFENSE SEGMENT

TABLE 63 CARBON FIBER TAPE MARKET SIZE IN AEROSPACE & DEFENSE END-USE INDUSTRY, BY REGION, 2018–2021 (USD MILLION)

TABLE 64 CARBON FIBER TAPE MARKET SIZE IN AEROSPACE & DEFENSE END-USE INDUSTRY, BY REGION, 2018–2021 (KILOTON)

TABLE 65 CARBON FIBER TAPE MARKET SIZE IN AEROSPACE & DEFENSE END-USE INDUSTRY, BY REGION, 2022–2027 (USD MILLION)

TABLE 66 CARBON FIBER TAPE MARKET SIZE IN AEROSPACE & DEFENSE END-USE INDUSTRY, BY REGION, 2022–2027 (KILOTON)

## 9.3 MARINE

9.3.1 LOW WEIGHT OF CARBON FIBER TAPES TO DRIVE MARKET

TABLE 67 CARBON FIBER TAPE MARKET SIZE IN MARINE END-USE INDUSTRY, BY REGION, 2018–2021 (USD MILLION)

TABLE 68 CARBON FIBER TAPE MARKET SIZE IN MARINE END-USE INDUSTRY, BY REGION, 2018–2021 (KILOTON)

TABLE 69 CARBON FIBER TAPE MARKET SIZE IN MARINE END-USE INDUSTRY, BY REGION, 2022–2027 (USD MILLION)

TABLE 70 CARBON FIBER TAPE MARKET SIZE IN MARINE END-USE INDUSTRY, BY REGION, 2022–2027 (KILOTON)

## 9.4 PIPE & TANK

9.4.1 WIDE USE OF CARBON FIBER TAPES TO INCREASE SHELF LIFE OF PIPES AND TANKS

TABLE 71 CARBON FIBER TAPE MARKET SIZE IN PIPE & TANK END-USE INDUSTRY, BY REGION, 2018–2021 (USD MILLION)

TABLE 72 CARBON FIBER TAPE MARKET SIZE IN PIPE & TANK END-USE INDUSTRY, BY REGION, 2018–2021 (KILOTON)

TABLE 73 CARBON FIBER TAPE MARKET SIZE IN PIPE & TANK END-USE INDUSTRY, BY REGION, 2022–2027 (USD MILLION)

TABLE 74 CARBON FIBER TAPE MARKET SIZE IN PIPE & TANK END-USE INDUSTRY, BY REGION, 2022–2027 (KILOTON)

## 9.5 SPORTING GOODS

9.5.1 DEMAND FOR CARBON FIBER PREPREG AND DRY TAPES TO INCREASE IN THIS INDUSTRY

TABLE 75 CARBON FIBER TAPE MARKET SIZE IN SPORTING GOODS END-USE

INDUSTRY, BY REGION, 2018–2021 (USD MILLION)

TABLE 76 CARBON FIBER TAPE MARKET SIZE IN SPORTING GOODS END-USE INDUSTRY, BY REGION, 2018–2021 (KILOTON)

TABLE 77 CARBON FIBER TAPE MARKET SIZE IN SPORTING GOODS END-USE INDUSTRY, BY REGION, 2022–2027 (USD MILLION)

TABLE 78 CARBON FIBER TAPE MARKET SIZE IN SPORTING GOODS END-USE INDUSTRY, BY REGION, 2022–2027 (KILOTON)

## 9.6 CONSTRUCTION & INFRASTRUCTURE

9.6.1 INCREASING INVESTMENTS IN CONSTRUCTION & INFRASTRUCTURE TO DRIVE MARKET

TABLE 79 CARBON FIBER TAPE MARKET SIZE IN CONSTRUCTION & INFRASTRUCTURE END-USE INDUSTRY, BY REGION, 2018–2021 (USD MILLION)

TABLE 80 CARBON FIBER TAPE MARKET SIZE IN CONSTRUCTION & INFRASTRUCTURE END-USE INDUSTRY, BY REGION, 2018–2021 (KILOTON)

TABLE 81 CARBON FIBER TAPE MARKET SIZE IN CONSTRUCTION & INFRASTRUCTURE END-USE INDUSTRY, BY REGION, 2022–2027 (USD MILLION)

TABLE 82 CARBON FIBER TAPE MARKET SIZE IN CONSTRUCTION & INFRASTRUCTURE END-USE INDUSTRY, BY REGION, 2022–2027 (KILOTON)

## 9.7 OTHERS

9.7.1 MEDICAL

9.7.2 AUTOMOTIVE

9.7.3 WIND ENERGY

TABLE 83 CARBON FIBER TAPE MARKET SIZE IN OTHER END-USE INDUSTRIES, BY REGION, 2018–2021 (USD MILLION)

TABLE 84 CARBON FIBER TAPE MARKET SIZE IN OTHER END-USE INDUSTRIES, BY REGION, 2018–2021 (KILOTON)

TABLE 85 CARBON FIBER TAPE MARKET SIZE IN OTHER END-USE INDUSTRIES, BY REGION, 2022–2027 (USD MILLION)

TABLE 86 CARBON FIBER TAPE MARKET SIZE IN OTHER END-USE INDUSTRIES, BY REGION, 2022–2027 (KILOTON)

## 10 CARBON FIBER TAPE MARKET, BY REGION

### 10.1 INTRODUCTION

FIGURE 31 GERMANY TO BE FASTEST-GROWING COUNTRY IN GLOBAL CARBON FIBER TAPE MARKET

TABLE 87 CARBON FIBER TAPE MARKET SIZE, BY REGION, 2018–2021 (USD MILLION)

TABLE 88 CARBON FIBER TAPE MARKET SIZE, BY REGION, 2018–2021

(KILOTON)

TABLE 89 CARBON FIBER TAPE MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

TABLE 90 CARBON FIBER TAPE MARKET SIZE, BY REGION, 2022–2027 (KILOTON)

10.2 NORTH AMERICA

FIGURE 32 NORTH AMERICA: CARBON FIBER TAPE MARKET SNAPSHOT

10.2.1 NORTH AMERICA: CARBON FIBER TAPE MARKET, BY END-USE INDUSTRY

TABLE 91 NORTH AMERICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 92 NORTH AMERICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 93 NORTH AMERICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 94 NORTH AMERICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

10.2.2 NORTH AMERICA: CARBON FIBER TAPE MARKET, BY FORM

TABLE 95 NORTH AMERICA: CARBON FIBER TAPE MARKET SIZE, BY FORM, 2018–2021 (USD MILLION)

TABLE 96 NORTH AMERICA: CARBON FIBER TAPE MARKET SIZE, BY FORM, 2018–2021 (KILOTON)

TABLE 97 NORTH AMERICA: CARBON FIBER TAPE MARKET SIZE, BY FORM, 2022–2027 (USD MILLION)

TABLE 98 NORTH AMERICA: CARBON FIBER TAPE MARKET SIZE, BY FORM, 2022–2027 (KILOTON)

10.2.3 NORTH AMERICA: CARBON FIBER TAPE MARKET, BY COUNTRY

TABLE 99 NORTH AMERICA: CARBON FIBER TAPE MARKET SIZE, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 100 NORTH AMERICA: CARBON FIBER TAPE MARKET SIZE, BY COUNTRY, 2018–2021 (KILOTON)

TABLE 101 NORTH AMERICA: CARBON FIBER TAPE MARKET SIZE, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 102 NORTH AMERICA: CARBON FIBER TAPE MARKET SIZE, BY COUNTRY, 2022–2027 (KILOTON)

10.2.3.1 US

10.2.3.1.1 Presence of major carbon fiber producers to drive market

10.2.3.1.2 US: Carbon fiber tape market, by end-use industry

TABLE 103 US: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY,

2018–2021 (USD MILLION)

TABLE 104 US: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 105 US: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 106 US: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

#### 10.2.3.2 Canada

10.2.3.2.1 Presence of strong manufacturing sector to propel market

10.2.3.2.2 Canada: Carbon fiber tape market, by end-use industry

TABLE 107 CANADA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 108 CANADA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 109 CANADA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 110 CANADA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

### 10.3 EUROPE

FIGURE 33 EUROPE: CARBON FIBER TAPE MARKET SNAPSHOT

10.3.1 EUROPE: CARBON FIBER TAPE MARKET, BY END-USE INDUSTRY

TABLE 111 EUROPE: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 112 EUROPE: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 113 EUROPE: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 114 EUROPE: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

10.3.2 EUROPE: CARBON FIBER TAPE MARKET, BY FORM

TABLE 115 EUROPE: CARBON FIBER TAPE MARKET SIZE, BY FORM, 2018–2021 (USD MILLION)

TABLE 116 EUROPE: CARBON FIBER TAPE MARKET SIZE, BY FORM, 2018–2021 (KILOTON)

TABLE 117 EUROPE: CARBON FIBER TAPE MARKET SIZE, BY FORM, 2022–2027 (USD MILLION)

TABLE 118 EUROPE: CARBON FIBER TAPE MARKET SIZE, BY FORM, 2022–2027 (KILOTON)

10.3.3 EUROPE: CARBON FIBER TAPE MARKET, BY COUNTRY



TABLE 119 EUROPE: CARBON FIBER TAPE MARKET SIZE, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 120 EUROPE: CARBON FIBER TAPE MARKET SIZE, BY COUNTRY, 2018–2021 (KILOTON)

TABLE 121 EUROPE: CARBON FIBER TAPE MARKET SIZE, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 122 EUROPE: CARBON FIBER TAPE MARKET SIZE, BY COUNTRY, 2022–2027 (KILOTON)

#### 10.3.3.1 Germany

10.3.3.1.1 Strong manufacturing base to drive market

10.3.3.1.2 Germany: Carbon fiber tape market, by end-use industry

TABLE 123 GERMANY: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 124 GERMANY: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 125 GERMANY: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 126 GERMANY: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

#### 10.3.3.2 France

10.3.3.2.1 Largest consumer of carbon fiber tapes in region

10.3.3.2.2 France: Carbon fiber tape market, by end-use industry

TABLE 127 FRANCE: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 128 FRANCE: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 129 FRANCE: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 130 FRANCE: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

#### 10.3.3.3 UK

10.3.3.3.1 High demand for fuel-efficient and lightweight vehicles to fuel market

10.3.3.3.2 UK: Carbon fiber tape market, by end-use industry

TABLE 131 UK: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 132 UK: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 133 UK: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 134 UK: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

10.3.3.4 Italy

10.3.3.4.1 Sporting goods industry to create demand for carbon fiber tapes

10.3.3.4.2 Italy: Carbon fiber tape market, by end-use industry

TABLE 135 ITALY: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 136 ITALY: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 137 ITALY: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 138 ITALY: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

10.3.3.5 Spain

10.3.3.5.1 Focus on use of composites in aircraft to favor market growth

10.3.3.5.2 Spain: Carbon fiber tape market, by end-use industry

TABLE 139 SPAIN: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 140 SPAIN: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 141 SPAIN: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 142 SPAIN: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

10.3.3.6 Rest of Europe

10.3.3.6.1 Rest of Europe: Carbon fiber tape market, by end-use industry

TABLE 143 REST OF EUROPE: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 144 REST OF EUROPE: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 145 REST OF EUROPE: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 146 REST OF EUROPE: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

10.4 ASIA PACIFIC

FIGURE 34 ASIA PACIFIC: CARBON FIBER TAPE MARKET SNAPSHOT

10.4.1 ASIA PACIFIC: CARBON FIBER TAPE MARKET, BY END-USE INDUSTRY

TABLE 147 ASIA PACIFIC: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 148 ASIA PACIFIC: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 149 ASIA PACIFIC: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 150 ASIA PACIFIC: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

#### 10.4.2 ASIA PACIFIC: CARBON FIBER TAPE MARKET, BY FORM

TABLE 151 ASIA PACIFIC: CARBON FIBER TAPE MARKET SIZE, BY FORM, 2018–2021 (USD MILLION)

TABLE 152 ASIA PACIFIC: CARBON FIBER TAPE MARKET SIZE, BY FORM, 2018–2021 (KILOTON)

TABLE 153 ASIA PACIFIC: CARBON FIBER TAPE MARKET SIZE, BY FORM, 2022–2027 (USD MILLION)

TABLE 154 ASIA PACIFIC: CARBON FIBER TAPE MARKET SIZE, BY FORM, 2022–2027 (KILOTON)

#### 10.4.3 ASIA PACIFIC: CARBON FIBER TAPE MARKET, BY COUNTRY

TABLE 155 ASIA PACIFIC: CARBON FIBER TAPE MARKET SIZE, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 156 ASIA PACIFIC: CARBON FIBER TAPE MARKET SIZE, BY COUNTRY, 2018–2021 (KILOTON)

TABLE 157 ASIA PACIFIC: CARBON FIBER TAPE MARKET SIZE, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 158 ASIA PACIFIC: CARBON FIBER TAPE MARKET SIZE, BY COUNTRY, 2022–2027 (KILOTON)

##### 10.4.3.1 China

###### 10.4.3.1.1 Sporting goods industry to drive market

###### 10.4.3.1.2 China: Carbon fiber tape market, by end-use industry

TABLE 159 CHINA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 160 CHINA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 161 CHINA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 162 CHINA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

##### 10.4.3.2 Japan

###### 10.4.3.2.1 Leading country in Asia Pacific carbon fiber tape market

###### 10.4.3.2.2 Japan: Carbon fiber tape market, by end-use industry

TABLE 163 JAPAN: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY,

2018–2021 (USD MILLION)

TABLE 164 JAPAN: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 165 JAPAN: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 166 JAPAN: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

#### 10.4.3.3 South Korea

10.4.3.3.1 Presence of major shipbuilding companies to help market growth

10.4.3.3.2 South Korea: Carbon fiber tape market, by end-use industry

TABLE 167 SOUTH KOREA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 168 SOUTH KOREA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 169 SOUTH KOREA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 170 SOUTH KOREA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

#### 10.4.3.4 Australia

10.4.3.4.1 Growing focus on sporting goods industry to drive market

10.4.3.4.2 Australia: Carbon fiber tape market, by end-use industry

TABLE 171 AUSTRALIA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 172 AUSTRALIA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 173 AUSTRALIA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 174 AUSTRALIA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

#### 10.4.3.5 Taiwan

10.4.3.5.1 Growing sporting goods industry to drive market

10.4.3.5.2 Taiwan: Carbon fiber tape market, by end-use industry

TABLE 175 TAIWAN: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 176 TAIWAN: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 177 TAIWAN: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 178 TAIWAN: CARBON FIBER TAPE MARKET SIZE, BY END-USE

**INDUSTRY, 2022–2027 (KILOTON)****10.4.3.6 Rest of Asia Pacific****10.4.3.6.1 Rest of Asia Pacific: Carbon fiber tape market, by end-use industry****TABLE 179 REST OF ASIA PACIFIC: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)****TABLE 180 REST OF ASIA PACIFIC: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)****TABLE 181 REST OF ASIA PACIFIC: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)****TABLE 182 REST OF ASIA PACIFIC: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)****10.5 MIDDLE EAST & AFRICA****FIGURE 35 ISRAEL TO BE FASTEST-GROWING MARKET IN MIDDLE EAST & AFRICA****10.5.1 MIDDLE EAST & AFRICA: CARBON FIBER TAPE MARKET, BY END-USE INDUSTRY****TABLE 183 MIDDLE EAST & AFRICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)****TABLE 184 MIDDLE EAST & AFRICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)****TABLE 185 MIDDLE EAST & AFRICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)****TABLE 186 MIDDLE EAST & AFRICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)****10.5.2 MIDDLE EAST & AFRICA: CARBON FIBER TAPE MARKET, BY FORM****TABLE 187 MIDDLE EAST & AFRICA: CARBON FIBER TAPE MARKET SIZE, BY FORM, 2018–2021 (USD MILLION)****TABLE 188 MIDDLE EAST & AFRICA: CARBON FIBER TAPE MARKET SIZE, BY FORM, 2018–2021 (KILOTON)****TABLE 189 MIDDLE EAST & AFRICA: CARBON FIBER TAPE MARKET SIZE, BY FORM, 2022–2027 (USD MILLION)****TABLE 190 MIDDLE EAST & AFRICA: CARBON FIBER TAPE MARKET SIZE, BY FORM, 2022–2027 (KILOTON)****10.5.3 MIDDLE EAST & AFRICA: CARBON FIBER TAPE MARKET, BY COUNTRY****TABLE 191 MIDDLE EAST & AFRICA: CARBON FIBER TAPE MARKET SIZE, BY COUNTRY, 2018–2021 (USD MILLION)****TABLE 192 MIDDLE EAST & AFRICA: CARBON FIBER TAPE MARKET SIZE, BY COUNTRY, 2018–2021 (KILOTON)****TABLE 193 MIDDLE EAST & AFRICA: CARBON FIBER TAPE MARKET SIZE, BY**

COUNTRY, 2022–2027 (USD MILLION)

TABLE 194 MIDDLE EAST & AFRICA: CARBON FIBER TAPE MARKET SIZE, BY COUNTRY, 2022–2027 (KILOTON)

#### 10.5.3.1 UAE

10.5.3.1.1 Presence of prominent yacht manufacturers to boost market

10.5.3.1.2 UAE: Carbon fiber tape market, by end-use industry

TABLE 195 UAE: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 196 UAE: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 197 UAE: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 198 UAE: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

#### 10.5.3.2 South Africa

10.5.3.2.1 High demand from aerospace & defense industry to drive market

10.5.3.2.2 South Africa: Carbon fiber tape market, by end-use industry

TABLE 199 SOUTH AFRICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 200 SOUTH AFRICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 201 SOUTH AFRICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 202 SOUTH AFRICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

#### 10.5.3.3 Israel

10.5.3.3.1 Inorganic growth strategies by IAI to boost market

10.5.3.3.2 Israel: Carbon fiber tape market, by end-use industry

TABLE 203 ISRAEL: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 204 ISRAEL: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 205 ISRAEL: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 206 ISRAEL: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

#### 10.5.3.4 Rest of Middle East & Africa

10.5.3.4.1 Rest of Middle East & Africa: Carbon fiber tape market, by end-use industry

TABLE 207 REST OF MIDDLE EAST & AFRICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 208 REST OF MIDDLE EAST & AFRICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 209 REST OF MIDDLE EAST & AFRICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 210 REST OF MIDDLE EAST & AFRICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

## 10.6 LATIN AMERICA

FIGURE 36 BRAZIL TO BE LARGEST AND FASTEST-GROWING MARKET IN LATIN AMERICA

### 10.6.1 LATIN AMERICA: CARBON FIBER TAPE MARKET, BY END-USE INDUSTRY

TABLE 211 LATIN AMERICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 212 LATIN AMERICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 213 LATIN AMERICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 214 LATIN AMERICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

### 10.6.2 LATIN AMERICA: CARBON FIBER TAPE MARKET, BY FORM

TABLE 215 LATIN AMERICA: CARBON FIBER TAPE MARKET SIZE, BY FORM, 2018–2021 (USD MILLION)

TABLE 216 LATIN AMERICA: CARBON FIBER TAPE MARKET SIZE, BY FORM, 2018–2021 (KILOTON)

TABLE 217 LATIN AMERICA: CARBON FIBER TAPE MARKET SIZE, BY FORM, 2022–2027 (USD MILLION)

TABLE 218 LATIN AMERICA: CARBON FIBER TAPE MARKET SIZE, BY FORM, 2022–2027 (KILOTON)

### 10.6.3 LATIN AMERICA: CARBON FIBER TAPE MARKET, BY COUNTRY

TABLE 219 LATIN AMERICA: CARBON FIBER TAPE MARKET SIZE, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 220 LATIN AMERICA: CARBON FIBER TAPE MARKET SIZE, BY COUNTRY, 2018–2021 (KILOTON)

TABLE 221 LATIN AMERICA: CARBON FIBER TAPE MARKET SIZE, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 222 LATIN AMERICA: CARBON FIBER TAPE MARKET SIZE, BY COUNTRY, 2022–2027 (KILOTON)

#### 10.6.3.1 Brazil

10.6.3.1.1 Growing aerospace & defense end-use industry to boost market

10.6.3.1.2 Brazil: Carbon fiber tape market, by end-use industry

TABLE 223 BRAZIL: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 224 BRAZIL: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 225 BRAZIL: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 226 BRAZIL: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

10.6.3.2 Mexico

10.6.3.2.1 Construction industry to propel market

10.6.3.2.2 Mexico: Carbon fiber tape market, by end-use industry

TABLE 227 MEXICO: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 228 MEXICO: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 229 MEXICO: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 230 MEXICO: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

10.6.3.3 Rest of Latin America

10.6.3.3.1 Rest of Latin America: Carbon fiber tape market, by end-use industry

TABLE 231 REST OF LATIN AMERICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (USD MILLION)

TABLE 232 REST OF LATIN AMERICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2018–2021 (KILOTON)

TABLE 233 REST OF LATIN AMERICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (USD MILLION)

TABLE 234 REST OF LATIN AMERICA: CARBON FIBER TAPE MARKET SIZE, BY END-USE INDUSTRY, 2022–2027 (KILOTON)

## 11 COMPETITIVE LANDSCAPE

11.1 INTRODUCTION

11.2 MARKET SHARE ANALYSIS

FIGURE 37 MARKET SHARE OF TOP COMPANIES IN CARBON FIBER TAPE MARKET

TABLE 235 CARBON FIBER TAPE MARKET: DEGREE OF COMPETITION



### 11.3 MARKET RANKING

FIGURE 38 MARKET RANKING OF KEY PLAYERS, 2021

### 11.4 REVENUE ANALYSIS OF TOP MARKET PLAYERS

TABLE 236 REVENUE ANALYSIS OF TOP MARKET PLAYERS, 2021

### 11.5 COMPETITIVE SCENARIO AND TRENDS

#### 11.5.1 PRODUCT LAUNCHES/PRODUCT DEVELOPMENTS

TABLE 237 PRODUCT LAUNCHES/PRODUCT DEVELOPMENTS, 2017–2022

#### 11.5.2 DEALS

TABLE 238 DEALS, 2017–2022

#### 11.5.3 OTHER DEVELOPMENTS

TABLE 239 OTHER DEVELOPMENTS, 2017–2022

### 11.6 COMPANY EVALUATION MATRIX

TABLE 240 COMPANY PRODUCT FOOTPRINT

TABLE 241 COMPANY END-USE INDUSTRY FOOTPRINT

TABLE 242 COMPANY REGION FOOTPRINT

#### 11.6.1 STARS

#### 11.6.2 PERVASIVE PLAYERS

#### 11.6.3 EMERGING LEADERS

#### 11.6.4 PARTICIPANTS

FIGURE 39 CARBON FIBER TAPE MARKET: COMPETITIVE LEADERSHIP  
MAPPING OF KEY PLAYERS, 2021

11.7 START-UP/SMALL AND MEDIUM-SIZED ENTERPRISE (SME) EVALUATION  
MATRIX

#### 11.7.1 PROGRESSIVE COMPANIES

#### 11.7.2 RESPONSIVE COMPANIES

#### 11.7.3 DYNAMIC COMPANIES

#### 11.7.4 STARTING BLOCKS

FIGURE 40 CARBON FIBER TAPE MARKET: COMPETITIVE LEADERSHIP  
MAPPING OF START-UPS/SMES, 2021

### 11.8 STRENGTH OF PRODUCT PORTFOLIO

FIGURE 41 PRODUCT PORTFOLIO ANALYSIS OF TOP PLAYERS IN GLOBAL  
CARBON FIBER TAPE MARKET

### 11.9 BUSINESS STRATEGY EXCELLENCE

FIGURE 42 BUSINESS STRATEGY EXCELLENCE OF TOP PLAYERS IN GLOBAL  
CARBON FIBER TAPE MARKET

## 12 COMPANY PROFILES

(Business Overview, Products Offered, Recent Developments, Product launches, MnM

view, Right to win, Strategic choices, Weaknesses and competitive threats)\*

## 12.1 EVONIK INDUSTRIES

TABLE 243 EVONIK INDUSTRIES: COMPANY OVERVIEW

FIGURE 43 EVONIK INDUSTRIES: COMPANY SNAPSHOT

## 12.2 SOLVAY

TABLE 244 SOLVAY: COMPANY OVERVIEW

FIGURE 44 SOLVAY: COMPANY SNAPSHOT

## 12.3 TORAY INDUSTRIES, INC.

TABLE 245 TORAY INDUSTRIES, INC.: COMPANY OVERVIEW

FIGURE 45 TORAY INDUSTRIES, INC.: COMPANY SNAPSHOT

## 12.4 MITSUBISHI CHEMICAL HOLDINGS

TABLE 246 MITSUBISHI CHEMICAL HOLDINGS: COMPANY OVERVIEW

FIGURE 46 MITSUBISHI CHEMICAL HOLDINGS: COMPANY SNAPSHOT

## 12.5 SABIC

TABLE 247 SABIC: COMPANY OVERVIEW

FIGURE 47 SABIC: COMPANY SNAPSHOT

## 12.6 HEXCEL CORPORATION

TABLE 248 HEXCEL CORPORATION: COMPANY OVERVIEW

FIGURE 48 HEXCEL CORPORATION: COMPANY SNAPSHOT

## 12.7 TEIJIN LIMITED

TABLE 249 TEIJIN LIMITED: COMPANY OVERVIEW

FIGURE 49 TEIJIN LIMITED: COMPANY SNAPSHOT

## 12.8 SGL GROUP

TABLE 250 SGL GROUP: COMPANY OVERVIEW

FIGURE 50 SGL GROUP: COMPANY SNAPSHOT

## 12.9 ZOLTEK CORPORATION

TABLE 251 ZOLTEK CORPORATION: COMPANY OVERVIEW

## 12.10 ROYAL DSM

TABLE 252 ROYAL DSM: COMPANY OVERVIEW

FIGURE 51 ROYAL DSM: COMPANY SNAPSHOT

## 12.11 OTHER COMPANIES

### 12.11.1 3M

### 12.11.2 PRF COMPOSITE MATERIALS

### 12.11.3 PARK ELECTROCHEMICAL

### 12.11.4 TCR COMPOSITES

### 12.11.5 VICTREX

### 12.11.6 CHOMARAT

### 12.11.7 SIGMATEX

### 12.11.8 ROCK WEST COMPOSITE

12.11.9 CELANESE CORPORATION

12.11.10 BASF SE

12.11.11 CRISTEX

12.11.12 EUROCARBON

12.11.13 SILTEX

12.11.14 HUGHES BROTHERS

\*Details on Business Overview, Products Offered, Recent Developments, Product launches, MnM view, Right to win, Strategic choices, Weaknesses and competitive threats might not be captured in case of unlisted companies.

## **13 APPENDIX**

13.1 DISCUSSION GUIDE

13.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

13.3 CUSTOMIZATION OPTIONS

13.4 RELATED REPORTS

13.5 AUTHOR DETAILS

## I would like to order

Product name: Carbon Fiber Tape Market by Form (Prepreg Tape, Dry Tape), Resin (Epoxy, Thermoplastic, Polyamide), Manufacturing Process (Hot Melt, Solvent Dip), End-use Industry (Aerospace, Marine, Pipe & Tank, Sporting Goods), and Region - Global Forecast to 2027

Product link: <https://marketpublishers.com/r/C78CECD4463EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C78CECD4463EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970