

Global 3D Woven Textiles Market Growth 2022-2028

<https://marketpublishers.com/r/G5BF144A77DEEN.html>

Date: October 2022

Pages: 106

Price: US\$ 3,660.00 (Single User License)

ID: G5BF144A77DEEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

3D Weaving Fabrics weave warp, weft and normal fibers into a whole by use weaving technology. Composite materials based on three-dimensional woven fabrics can often be used as lightweight alternatives to steel and aluminum without sacrificing strength or durability, making them ideal for aerospace, heavy industry, shipping, transportation, and countless other applications.

The global market for 3D Woven Textiles is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC 3D Woven Textiles market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States 3D Woven Textiles market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe 3D Woven Textiles market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China 3D Woven Textiles market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key 3D Woven Textiles players cover Top Weaving, Changzhou Bolong,

Sigmatex, Cetriko and 3D Weaving, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

Report Coverage

This latest report provides a deep insight into the global 3D Woven Textiles market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global 3D Woven Textiles market, with both quantitative and qualitative data, to help readers understand how the 3D Woven Textiles market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in Tons.

Market Segmentation:

The study segments the 3D Woven Textiles market and forecasts the market size by Type (Glass Fiber, Carbon Fiber and Others), by Application (Traffic, Aviation & Military, Building and Others), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by type

Glass Fiber

Carbon Fiber

Others

Segmentation by application

Traffic

Aviation & Military

Building

Others

Segmentation by region

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

Major companies covered

Top Weaving

Changzhou Bolong

Sigmatex

Cetriko

3D Weaving

Tex Tech Industries

Textum Weaving

T.E.A.M. Inc.

Cristex

Tantra Composite

Chapter Introduction

Chapter 1: Scope of 3D Woven Textiles, Research Methodology, etc.

Chapter 2: Executive Summary, global 3D Woven Textiles market size (sales and revenue) and CAGR, 3D Woven Textiles market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: 3D Woven Textiles sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global 3D Woven Textiles sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global 3D Woven Textiles market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including Top Weaving, Changzhou Bolong, Sigmalex, Cetriko, 3D Weaving, Tex Tech Industries, Textum Weaving, T.E.A.M. Inc. and Cristex, etc.

Chapter 14: Research Findings and Conclusion

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