

Global Synthetic Spider Silk Market Size, Manufacturers, Growth Analysis Industry Forecast to 2030

<https://marketpublishers.com/r/GC719D041F23EN.html>

Date: April 2024

Pages: 197

Price: US\$ 4,250.00 (Single User License)

ID: GC719D041F23EN

Abstracts

Summary

Spider silk is among the strongest known biomaterials. It is the silk used for the framework of the web and it is used to catch the spider if it falls. As such, it is stronger and much more flexible than KEVLAR®. Due to its incredible mechanical properties, spider silk is being considered for use as a new biomaterial for drug delivery and tendon and ligament replacement/repair, as well as athletic gear, military applications, airbags, and tire cords. However, spiders cannot be farmed for their silk as they are cannibalistic and territorial. The most reasonable alternative for producing spider silk fibers is to utilize genetic engineering to produce the proteins in a foreign host and then spin fibers from the synthetic protein.

According to APO Research, The global Synthetic Spider Silk market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

North American market for Synthetic Spider Silk is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for Synthetic Spider Silk is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The China market for Synthetic Spider Silk is estimated to increase from \$ million in

2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for Synthetic Spider Silk is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of Synthetic Spider Silk include Bolt Threads, Kraig Biocraft Laboratories, Spiber and AMSilk, etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

This report presents an overview of global market for Synthetic Spider Silk, sales, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Synthetic Spider Silk, also provides the sales of main regions and countries. Of the upcoming market potential for Synthetic Spider Silk, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Synthetic Spider Silk sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Synthetic Spider Silk market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. 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.

This report analyzes the segments data by Type and by Application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Synthetic Spider Silk sales, projected growth trends, production technology, application and end-user industry.

Synthetic Spider Silk segment by Company

Bolt Threads

Kraig Biocraft Laboratories

Spiber

AMSilk

Synthetic Spider Silk segment by Type

Genetically Modified Yeast Fermentation

Genetically Modified Silkworm

Genetically Modified E. Coli Fermentation

Others

Synthetic Spider Silk segment by Application

Automobile

Textile

Health Care

Military

Others

Synthetic Spider Silk segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Study Objectives

1. To analyze and research the global Synthetic Spider Silk status and future forecast, involving, sales, revenue, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, sales, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions Synthetic Spider Silk market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify Synthetic Spider Silk significant trends, drivers, influence factors in global and regions.
6. To analyze Synthetic Spider Silk competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

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 Synthetic Spider Silk 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 Synthetic Spider Silk 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 sales 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 Synthetic Spider Silk.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Provides an overview of the Synthetic Spider Silk market, including product definition, global market growth prospects, sales value, sales volume, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global Synthetic Spider Silk industry.

Chapter 3: Detailed analysis of Synthetic Spider Silk manufacturers competitive landscape, price, sales and revenue market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: 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 5: 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 6: Sales and value of Synthetic Spider Silk in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the market development, future development prospects, market space, and market size of each country in the world.

Chapter 7: Sales and value of Synthetic Spider Silk in country level. It provides sigma data by type, and by application for each country/region.

Chapter 8: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights.

Contents

1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
 - 1.2.1 Global Synthetic Spider Silk Sales Value (2019-2030)
 - 1.2.2 Global Synthetic Spider Silk Sales Volume (2019-2030)
 - 1.2.3 Global Synthetic Spider Silk Sales Average Price (2019-2030)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

2 SYNTHETIC SPIDER SILK MARKET DYNAMICS

- 2.1 Synthetic Spider Silk Industry Trends
- 2.2 Synthetic Spider Silk Industry Drivers
- 2.3 Synthetic Spider Silk Industry Opportunities and Challenges
- 2.4 Synthetic Spider Silk Industry Restraints

3 SYNTHETIC SPIDER SILK MARKET BY COMPANY

- 3.1 Global Synthetic Spider Silk Company Revenue Ranking in 2023
- 3.2 Global Synthetic Spider Silk Revenue by Company (2019-2024)
- 3.3 Global Synthetic Spider Silk Sales Volume by Company (2019-2024)
- 3.4 Global Synthetic Spider Silk Average Price by Company (2019-2024)
- 3.5 Global Synthetic Spider Silk Company Ranking, 2022 VS 2023 VS 2024
- 3.6 Global Synthetic Spider Silk Company Manufacturing Base & Headquarters
- 3.7 Global Synthetic Spider Silk Company, Product Type & Application
- 3.8 Global Synthetic Spider Silk Company Commercialization Time
- 3.9 Market Competitive Analysis
 - 3.9.1 Global Synthetic Spider Silk Market CR5 and HHI
 - 3.9.2 Global Top 5 and 10 Company Market Share by Revenue in 2023
 - 3.9.3 2023 Synthetic Spider Silk Tier 1, Tier 2, and Tier
- 3.10 Mergers & Acquisitions, Expansion

4 SYNTHETIC SPIDER SILK MARKET BY TYPE

- 4.1 Synthetic Spider Silk Type Introduction
 - 4.1.1 Genetically Modified Yeast Fermentation

- 4.1.2 Genetically Modified Silkworm
- 4.1.3 Genetically Modified E. Coli Fermentation
- 4.1.4 Others
- 4.2 Global Synthetic Spider Silk Sales Volume by Type
 - 4.2.1 Global Synthetic Spider Silk Sales Volume by Type (2019 VS 2023 VS 2030)
 - 4.2.2 Global Synthetic Spider Silk Sales Volume by Type (2019-2030)
 - 4.2.3 Global Synthetic Spider Silk Sales Volume Share by Type (2019-2030)
- 4.3 Global Synthetic Spider Silk Sales Value by Type
 - 4.3.1 Global Synthetic Spider Silk Sales Value by Type (2019 VS 2023 VS 2030)
 - 4.3.2 Global Synthetic Spider Silk Sales Value by Type (2019-2030)
 - 4.3.3 Global Synthetic Spider Silk Sales Value Share by Type (2019-2030)

5 SYNTHETIC SPIDER SILK MARKET BY APPLICATION

- 5.1 Synthetic Spider Silk Application Introduction
 - 5.1.1 Automobile
 - 5.1.2 Textile
 - 5.1.3 Health Care
 - 5.1.4 Military
 - 5.1.5 Others
- 5.2 Global Synthetic Spider Silk Sales Volume by Application
 - 5.2.1 Global Synthetic Spider Silk Sales Volume by Application (2019 VS 2023 VS 2030)
 - 5.2.2 Global Synthetic Spider Silk Sales Volume by Application (2019-2030)
 - 5.2.3 Global Synthetic Spider Silk Sales Volume Share by Application (2019-2030)
- 5.3 Global Synthetic Spider Silk Sales Value by Application
 - 5.3.1 Global Synthetic Spider Silk Sales Value by Application (2019 VS 2023 VS 2030)
 - 5.3.2 Global Synthetic Spider Silk Sales Value by Application (2019-2030)
 - 5.3.3 Global Synthetic Spider Silk Sales Value Share by Application (2019-2030)

6 SYNTHETIC SPIDER SILK MARKET BY REGION

- 6.1 Global Synthetic Spider Silk Sales by Region: 2019 VS 2023 VS 2030
- 6.2 Global Synthetic Spider Silk Sales by Region (2019-2030)
 - 6.2.1 Global Synthetic Spider Silk Sales by Region: 2019-2024
 - 6.2.2 Global Synthetic Spider Silk Sales by Region (2025-2030)
- 6.3 Global Synthetic Spider Silk Sales Value by Region: 2019 VS 2023 VS 2030
- 6.4 Global Synthetic Spider Silk Sales Value by Region (2019-2030)
 - 6.4.1 Global Synthetic Spider Silk Sales Value by Region: 2019-2024

- 6.4.2 Global Synthetic Spider Silk Sales Value by Region (2025-2030)
- 6.5 Global Synthetic Spider Silk Market Price Analysis by Region (2019-2024)
- 6.6 North America
 - 6.6.1 North America Synthetic Spider Silk Sales Value (2019-2030)
 - 6.6.2 North America Synthetic Spider Silk Sales Value Share by Country, 2023 VS 2030
- 6.7 Europe
 - 6.7.1 Europe Synthetic Spider Silk Sales Value (2019-2030)
 - 6.7.2 Europe Synthetic Spider Silk Sales Value Share by Country, 2023 VS 2030
- 6.8 Asia-Pacific
 - 6.8.1 Asia-Pacific Synthetic Spider Silk Sales Value (2019-2030)
 - 6.8.2 Asia-Pacific Synthetic Spider Silk Sales Value Share by Country, 2023 VS 2030
- 6.9 Latin America
 - 6.9.1 Latin America Synthetic Spider Silk Sales Value (2019-2030)
 - 6.9.2 Latin America Synthetic Spider Silk Sales Value Share by Country, 2023 VS 2030
- 6.10 Middle East & Africa
 - 6.10.1 Middle East & Africa Synthetic Spider Silk Sales Value (2019-2030)
 - 6.10.2 Middle East & Africa Synthetic Spider Silk Sales Value Share by Country, 2023 VS 2030

7 SYNTHETIC SPIDER SILK MARKET BY COUNTRY

- 7.1 Global Synthetic Spider Silk Sales by Country: 2019 VS 2023 VS 2030
- 7.2 Global Synthetic Spider Silk Sales Value by Country: 2019 VS 2023 VS 2030
- 7.3 Global Synthetic Spider Silk Sales by Country (2019-2030)
 - 7.3.1 Global Synthetic Spider Silk Sales by Country (2019-2024)
 - 7.3.2 Global Synthetic Spider Silk Sales by Country (2025-2030)
- 7.4 Global Synthetic Spider Silk Sales Value by Country (2019-2030)
 - 7.4.1 Global Synthetic Spider Silk Sales Value by Country (2019-2024)
 - 7.4.2 Global Synthetic Spider Silk Sales Value by Country (2025-2030)
- 7.5 USA
 - 7.5.1 Global Synthetic Spider Silk Sales Value Growth Rate (2019-2030)
 - 7.5.2 Global Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030
 - 7.5.3 Global Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030
- 7.6 Canada
 - 7.6.1 Global Synthetic Spider Silk Sales Value Growth Rate (2019-2030)
 - 7.6.2 Global Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030
 - 7.6.3 Global Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030

7.7 Germany

7.7.1 Global Synthetic Spider Silk Sales Value Growth Rate (2019-2030)

7.7.2 Global Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030

7.7.3 Global Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030

7.8 France

7.8.1 Global Synthetic Spider Silk Sales Value Growth Rate (2019-2030)

7.8.2 Global Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030

7.8.3 Global Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030

7.9 U.K.

7.9.1 Global Synthetic Spider Silk Sales Value Growth Rate (2019-2030)

7.9.2 Global Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030

7.9.3 Global Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030

7.10 Italy

7.10.1 Global Synthetic Spider Silk Sales Value Growth Rate (2019-2030)

7.10.2 Global Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030

7.10.3 Global Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030

7.11 Netherlands

7.11.1 Global Synthetic Spider Silk Sales Value Growth Rate (2019-2030)

7.11.2 Global Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030

7.11.3 Global Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030

7.12 Nordic Countries

7.12.1 Global Synthetic Spider Silk Sales Value Growth Rate (2019-2030)

7.12.2 Global Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030

7.12.3 Global Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030

7.13 China

7.13.1 Global Synthetic Spider Silk Sales Value Growth Rate (2019-2030)

7.13.2 Global Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030

7.13.3 Global Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030

7.14 Japan

7.14.1 Global Synthetic Spider Silk Sales Value Growth Rate (2019-2030)

7.14.2 Global Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030

7.14.3 Global Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030

7.15 South Korea

7.15.1 Global Synthetic Spider Silk Sales Value Growth Rate (2019-2030)

7.15.2 Global Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030

7.15.3 Global Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030

7.16 Southeast Asia

7.16.1 Global Synthetic Spider Silk Sales Value Growth Rate (2019-2030)

7.16.2 Global Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030

- 7.16.3 Global Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030
- 7.17 India
 - 7.17.1 Global Synthetic Spider Silk Sales Value Growth Rate (2019-2030)
 - 7.17.2 Global Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030
 - 7.17.3 Global Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030
- 7.18 Australia
 - 7.18.1 Global Synthetic Spider Silk Sales Value Growth Rate (2019-2030)
 - 7.18.2 Global Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030
 - 7.18.3 Global Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030
- 7.19 Mexico
 - 7.19.1 Global Synthetic Spider Silk Sales Value Growth Rate (2019-2030)
 - 7.19.2 Global Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030
 - 7.19.3 Global Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030
- 7.20 Brazil
 - 7.20.1 Global Synthetic Spider Silk Sales Value Growth Rate (2019-2030)
 - 7.20.2 Global Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030
 - 7.20.3 Global Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030
- 7.21 Turkey
 - 7.21.1 Global Synthetic Spider Silk Sales Value Growth Rate (2019-2030)
 - 7.21.2 Global Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030
 - 7.21.3 Global Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030
- 7.22 Saudi Arabia
 - 7.22.1 Global Synthetic Spider Silk Sales Value Growth Rate (2019-2030)
 - 7.22.2 Global Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030
 - 7.22.3 Global Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030
- 7.23 UAE
 - 7.23.1 Global Synthetic Spider Silk Sales Value Growth Rate (2019-2030)
 - 7.23.2 Global Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030
 - 7.23.3 Global Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030

8 COMPANY PROFILES

- 8.1 Bolt Threads
 - 8.1.1 Bolt Threads Company Information
 - 8.1.2 Bolt Threads Business Overview
 - 8.1.3 Bolt Threads Synthetic Spider Silk Sales, Value and Gross Margin (2019-2024)
 - 8.1.4 Bolt Threads Synthetic Spider Silk Product Portfolio
 - 8.1.5 Bolt Threads Recent Developments
- 8.2 Kraig Biocraft Laboratories

- 8.2.1 Kraig Biocraft Laboratories Company Information
- 8.2.2 Kraig Biocraft Laboratories Business Overview
- 8.2.3 Kraig Biocraft Laboratories Synthetic Spider Silk Sales, Value and Gross Margin (2019-2024)
- 8.2.4 Kraig Biocraft Laboratories Synthetic Spider Silk Product Portfolio
- 8.2.5 Kraig Biocraft Laboratories Recent Developments
- 8.3 Spiber
 - 8.3.1 Spiber Company Information
 - 8.3.2 Spiber Business Overview
 - 8.3.3 Spiber Synthetic Spider Silk Sales, Value and Gross Margin (2019-2024)
 - 8.3.4 Spiber Synthetic Spider Silk Product Portfolio
 - 8.3.5 Spiber Recent Developments
- 8.4 AMSilk
 - 8.4.1 AMSilk Company Information
 - 8.4.2 AMSilk Business Overview
 - 8.4.3 AMSilk Synthetic Spider Silk Sales, Value and Gross Margin (2019-2024)
 - 8.4.4 AMSilk Synthetic Spider Silk Product Portfolio
 - 8.4.5 AMSilk Recent Developments

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS

- 9.1 Synthetic Spider Silk Value Chain Analysis
 - 9.1.1 Synthetic Spider Silk Key Raw Materials
 - 9.1.2 Raw Materials Key Suppliers
 - 9.1.3 Manufacturing Cost Structure
 - 9.1.4 Synthetic Spider Silk Sales Mode & Process
- 9.2 Synthetic Spider Silk Sales Channels Analysis
 - 9.2.1 Direct Comparison with Distribution Share
 - 9.2.2 Synthetic Spider Silk Distributors
 - 9.2.3 Synthetic Spider Silk Customers

10 CONCLUDING INSIGHTS

11 APPENDIX

- 11.1 Reasons for Doing This Study
- 11.2 Research Methodology
- 11.3 Research Process
- 11.4 Authors List of This Report

11.5 Data Source

11.5.1 Secondary Sources

11.5.2 Primary Sources

List Of Tables

LIST OF TABLES

- Table 1. Synthetic Spider Silk Industry Trends
- Table 2. Synthetic Spider Silk Industry Drivers
- Table 3. Synthetic Spider Silk Industry Opportunities and Challenges
- Table 4. Synthetic Spider Silk Industry Restraints
- Table 5. Global Synthetic Spider Silk Revenue by Company (US\$ Million) & (2019-2024)
- Table 6. Global Synthetic Spider Silk Revenue Share by Company (2019-2024)
- Table 7. Global Synthetic Spider Silk Sales Volume by Company (Kg) & (2019-2024)
- Table 8. Global Synthetic Spider Silk Sales Volume Share by Company (2019-2024)
- Table 9. Global Synthetic Spider Silk Average Price (USD/Kg) of Company (2019-2024)
- Table 10. Global Synthetic Spider Silk Company Ranking, 2022 VS 2023 VS 2024 & (US\$ Million)
- Table 11. Global Synthetic Spider Silk Key Company Manufacturing Base & Headquarters
- Table 12. Global Synthetic Spider Silk Company, Product Type & Application
- Table 13. Global Synthetic Spider Silk Company Commercialization Time
- Table 14. Global Company Market Concentration Ratio (CR5 and HHI)
- Table 15. Global Synthetic Spider Silk by Company Type (Tier 1, Tier 2, and Tier 3) & (Based on Revenue of 2023)
- Table 16. Mergers & Acquisitions, Expansion
- Table 17. Major Companies of Genetically Modified Yeast Fermentation
- Table 18. Major Companies of Genetically Modified Silkworm
- Table 19. Major Companies of Genetically Modified E. Coli Fermentation
- Table 20. Major Companies of Others
- Table 21. Global Synthetic Spider Silk Sales Volume by Type 2019 VS 2023 VS 2030 (Kg)
- Table 22. Global Synthetic Spider Silk Sales Volume by Type (2019-2024) & (Kg)
- Table 23. Global Synthetic Spider Silk Sales Volume by Type (2025-2030) & (Kg)
- Table 24. Global Synthetic Spider Silk Sales Volume Share by Type (2019-2024)
- Table 25. Global Synthetic Spider Silk Sales Volume Share by Type (2025-2030)
- Table 26. Global Synthetic Spider Silk Sales Value by Type 2019 VS 2023 VS 2030 (US\$ Million)
- Table 27. Global Synthetic Spider Silk Sales Value by Type (2019-2024) & (US\$ Million)
- Table 28. Global Synthetic Spider Silk Sales Value by Type (2025-2030) & (US\$ Million)
- Table 29. Global Synthetic Spider Silk Sales Value Share by Type (2019-2024)

Table 30. Global Synthetic Spider Silk Sales Value Share by Type (2025-2030)

Table 31. Major Companies of Automobile

Table 32. Major Companies of Textile

Table 33. Major Companies of Health Care

Table 34. Major Companies of Military

Table 35. Major Companies of Others

Table 36. Global Synthetic Spider Silk Sales Volume by Application 2019 VS 2023 VS 2030 (Kg)

Table 37. Global Synthetic Spider Silk Sales Volume by Application (2019-2024) & (Kg)

Table 38. Global Synthetic Spider Silk Sales Volume by Application (2025-2030) & (Kg)

Table 39. Global Synthetic Spider Silk Sales Volume Share by Application (2019-2024)

Table 40. Global Synthetic Spider Silk Sales Volume Share by Application (2025-2030)

Table 41. Global Synthetic Spider Silk Sales Value by Application 2019 VS 2023 VS 2030 (US\$ Million)

Table 42. Global Synthetic Spider Silk Sales Value by Application (2019-2024) & (US\$ Million)

Table 43. Global Synthetic Spider Silk Sales Value by Application (2025-2030) & (US\$ Million)

Table 44. Global Synthetic Spider Silk Sales Value Share by Application (2019-2024)

Table 45. Global Synthetic Spider Silk Sales Value Share by Application (2025-2030)

Table 46. Global Synthetic Spider Silk Sales by Region: 2019 VS 2023 VS 2030 (Kg)

Table 47. Global Synthetic Spider Silk Sales by Region (2019-2024) & (Kg)

Table 48. Global Synthetic Spider Silk Sales Market Share by Region (2019-2024)

Table 49. Global Synthetic Spider Silk Sales by Region (2025-2030) & (Kg)

Table 50. Global Synthetic Spider Silk Sales Market Share by Region (2025-2030)

Table 51. Global Synthetic Spider Silk Sales Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Table 52. Global Synthetic Spider Silk Sales Value by Region (2019-2024) & (US\$ Million)

Table 53. Global Synthetic Spider Silk Sales Value Share by Region (2019-2024)

Table 54. Global Synthetic Spider Silk Sales Value by Region (2025-2030) & (US\$ Million)

Table 55. Global Synthetic Spider Silk Sales Value Share by Region (2025-2030)

Table 56. Global Synthetic Spider Silk Market Average Price (USD/Kg) by Region (2019-2024)

Table 57. Global Synthetic Spider Silk Market Average Price (USD/Kg) by Region (2025-2030)

Table 58. Global Synthetic Spider Silk Sales by Country: 2019 VS 2023 VS 2030 (Kg)

Table 59. Global Synthetic Spider Silk Sales Value by Country: 2019 VS 2023 VS 2030

(US\$ Million)

Table 60. Global Synthetic Spider Silk Sales by Country (2019-2024) & (Kg)

Table 61. Global Synthetic Spider Silk Sales Market Share by Country (2019-2024)

Table 62. Global Synthetic Spider Silk Sales by Country (2025-2030) & (Kg)

Table 63. Global Synthetic Spider Silk Sales Market Share by Country (2025-2030)

Table 64. Global Synthetic Spider Silk Sales Value by Country (2019-2024) & (US\$ Million)

Table 65. Global Synthetic Spider Silk Sales Value Market Share by Country (2019-2024)

Table 66. Global Synthetic Spider Silk Sales Value by Country (2025-2030) & (US\$ Million)

Table 67. Global Synthetic Spider Silk Sales Value Market Share by Country (2025-2030)

Table 68. Bolt Threads Company Information

Table 69. Bolt Threads Business Overview

Table 70. Bolt Threads Synthetic Spider Silk Sales (Kg), Value (US\$ Million), Price (USD/Kg) and Gross Margin (2019-2024)

Table 71. Bolt Threads Synthetic Spider Silk Product Portfolio

Table 72. Bolt Threads Recent Development

Table 73. Kraig Biocraft Laboratories Company Information

Table 74. Kraig Biocraft Laboratories Business Overview

Table 75. Kraig Biocraft Laboratories Synthetic Spider Silk Sales (Kg), Value (US\$ Million), Price (USD/Kg) and Gross Margin (2019-2024)

Table 76. Kraig Biocraft Laboratories Synthetic Spider Silk Product Portfolio

Table 77. Kraig Biocraft Laboratories Recent Development

Table 78. Spiber Company Information

Table 79. Spiber Business Overview

Table 80. Spiber Synthetic Spider Silk Sales (Kg), Value (US\$ Million), Price (USD/Kg) and Gross Margin (2019-2024)

Table 81. Spiber Synthetic Spider Silk Product Portfolio

Table 82. Spiber Recent Development

Table 83. AMSilk Company Information

Table 84. AMSilk Business Overview

Table 85. AMSilk Synthetic Spider Silk Sales (Kg), Value (US\$ Million), Price (USD/Kg) and Gross Margin (2019-2024)

Table 86. AMSilk Synthetic Spider Silk Product Portfolio

Table 87. AMSilk Recent Development

Table 88. Key Raw Materials

Table 89. Raw Materials Key Suppliers

Table 90. Synthetic Spider Silk Distributors List

Table 91. Synthetic Spider Silk Customers List

Table 92. Research Programs/Design for This Report

Table 93. Authors List of This Report

Table 94. Secondary Sources

Table 95. Primary Sources

List Of Figures

LIST OF FIGURES

- Figure 1. Synthetic Spider Silk Product Picture
- Figure 2. Global Synthetic Spider Silk Sales Value (US\$ Million), 2019 VS 2023 VS 2030
- Figure 3. Global Synthetic Spider Silk Sales Value (2019-2030) & (US\$ Million)
- Figure 4. Global Synthetic Spider Silk Sales (2019-2030) & (Kg)
- Figure 5. Global Synthetic Spider Silk Sales Average Price (USD/Kg) & (2019-2030)
- Figure 6. Global Synthetic Spider Silk Company Revenue Ranking in 2023 (US\$ Million)
- Figure 7. Global Top 5 and 10 Company Market Share by Revenue in 2023 (US\$ Million)
- Figure 8. Company Type (Tier 1, Tier 2, and Tier 3): 2019 VS 2023
- Figure 9. Genetically Modified Yeast Fermentation Picture
- Figure 10. Genetically Modified Silkworm Picture
- Figure 11. Genetically Modified E. Coli Fermentation Picture
- Figure 12. Others Picture
- Figure 13. Global Synthetic Spider Silk Sales Volume by Type (2019 VS 2023 VS 2030) & (Kg)
- Figure 14. Global Synthetic Spider Silk Sales Volume Share 2019 VS 2023 VS 2030
- Figure 15. Global Synthetic Spider Silk Sales Volume Share by Type (2019-2030)
- Figure 16. Global Synthetic Spider Silk Sales Value by Type (2019 VS 2023 VS 2030) & (US\$ Million)
- Figure 17. Global Synthetic Spider Silk Sales Value Share 2019 VS 2023 VS 2030
- Figure 18. Global Synthetic Spider Silk Sales Value Share by Type (2019-2030)
- Figure 19. Automobile Picture
- Figure 20. Textile Picture
- Figure 21. Health Care Picture
- Figure 22. Military Picture
- Figure 23. Others Picture
- Figure 24. Global Synthetic Spider Silk Sales Volume by Application (2019 VS 2023 VS 2030) & (Kg)
- Figure 25. Global Synthetic Spider Silk Sales Volume Share 2019 VS 2023 VS 2030
- Figure 26. Global Synthetic Spider Silk Sales Volume Share by Application (2019-2030)
- Figure 27. Global Synthetic Spider Silk Sales Value by Application (2019 VS 2023 VS 2030) & (US\$ Million)
- Figure 28. Global Synthetic Spider Silk Sales Value Share 2019 VS 2023 VS 2030
- Figure 29. Global Synthetic Spider Silk Sales Value Share by Application (2019-2030)

Figure 30. Global Synthetic Spider Silk Sales by Region: 2019 VS 2023 VS 2030 (Kg)

Figure 31. Global Synthetic Spider Silk Sales Market Share by Region: 2019 VS 2023 VS 2030

Figure 32. Global Synthetic Spider Silk Sales Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 33. Global Synthetic Spider Silk Sales Value Share by Region: 2019 VS 2023 VS 2030

Figure 34. North America Synthetic Spider Silk Sales Value (2019-2030) & (US\$ Million)

Figure 35. North America Synthetic Spider Silk Sales Value Share by Country (%), 2023 VS 2030

Figure 36. Europe Synthetic Spider Silk Sales Value (2019-2030) & (US\$ Million)

Figure 37. Europe Synthetic Spider Silk Sales Value Share by Country (%), 2023 VS 2030

Figure 38. Asia-Pacific Synthetic Spider Silk Sales Value (2019-2030) & (US\$ Million)

Figure 39. Asia-Pacific Synthetic Spider Silk Sales Value Share by Country (%), 2023 VS 2030

Figure 40. Latin America Synthetic Spider Silk Sales Value (2019-2030) & (US\$ Million)

Figure 41. Latin America Synthetic Spider Silk Sales Value Share by Country (%), 2023 VS 2030

Figure 42. Middle East & Africa Synthetic Spider Silk Sales Value (2019-2030) & (US\$ Million)

Figure 43. Middle East & Africa Synthetic Spider Silk Sales Value Share by Country (%), 2023 VS 2030

Figure 44. USA Synthetic Spider Silk Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 45. USA Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 46. USA Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 47. Canada Synthetic Spider Silk Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 48. Canada Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 49. Canada Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 50. Germany Synthetic Spider Silk Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 51. Germany Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 52. Germany Synthetic Spider Silk Sales Value Share by Application, 2023 VS

2030 & (%)

Figure 53. France Synthetic Spider Silk Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 54. France Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 55. France Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 56. U.K. Synthetic Spider Silk Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 57. U.K. Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 58. U.K. Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 59. Italy Synthetic Spider Silk Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 60. Italy Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 61. Italy Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 62. Netherlands Synthetic Spider Silk Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 63. Netherlands Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 64. Netherlands Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 65. Nordic Countries Synthetic Spider Silk Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 66. Nordic Countries Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 67. Nordic Countries Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 68. China Synthetic Spider Silk Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 69. China Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 70. China Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 71. Japan Synthetic Spider Silk Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 72. Japan Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 73. Japan Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030

& (%)

Figure 74. South Korea Synthetic Spider Silk Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 75. South Korea Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 76. South Korea Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 77. Southeast Asia Synthetic Spider Silk Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 78. Southeast Asia Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 79. Southeast Asia Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 80. India Synthetic Spider Silk Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 81. India Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 82. India Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 83. Australia Synthetic Spider Silk Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 84. Australia Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 85. Australia Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 86. Mexico Synthetic Spider Silk Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 87. Mexico Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 88. Mexico Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 89. Brazil Synthetic Spider Silk Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 90. Brazil Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 91. Brazil Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 92. Turkey Synthetic Spider Silk Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 93. Turkey Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 94. Turkey Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 95. Saudi Arabia Synthetic Spider Silk Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 96. Saudi Arabia Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 97. Saudi Arabia Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 98. UAE Synthetic Spider Silk Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 99. UAE Synthetic Spider Silk Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 100. UAE Synthetic Spider Silk Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 101. Synthetic Spider Silk Value Chain

Figure 102. Manufacturing Cost Structure

Figure 103. Synthetic Spider Silk Sales Mode & Process

Figure 104. Direct Comparison with Distribution Share

Figure 105. Distributors Profiles

Figure 106. Years Considered

Figure 107. Research Process

Figure 108. Key Executives Interviewed

I would like to order

Product name: Global Synthetic Spider Silk Market Size, Manufacturers, Growth Analysis Industry Forecast to 2030

Product link: <https://marketpublishers.com/r/GC719D041F23EN.html>

Price: US\$ 4,250.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GC719D041F23EN.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

