

# Global Synthetic Spider Silk Market Data Survey Report 2015-2025

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## 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.

The global Synthetic Spider Silk market will reach xxx Million USD in 2020 with CAGR xx% 2020-2025. The main contents of the report including:

Global market size and forecast

Regional market size, production data and export & import

Key manufacturers profile, products & services, sales data of business

Global market size by Major End-Use

Global market size by Major Type

Key manufacturers are included based on company profile, sales data and product specifications etc.:

Bolt Threads

Kraig Biocraft Laboratories

Spiber

AMSilk

Major applications as follows:

Automobile

Textile

Health Care

Military

Others

Major Type as follows:

Genetically Modified Yeast Fermentation

Genetically Modified Silkworm

Genetically Modified E. Coli Fermentation

Regional market size, production data and export & import:

Asia-Pacific

North America

Europe

South America

Middle East & Africa



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