

Prestressed Concrete Wire Strand Market - Global Industry Size, Share, Trends, Opportunity, and Forecast Segmented By Type (Prestressed Concrete Steel Wire, Plain Prestressed Concrete Wire, Indented Prestressed Concrete Wire and Spiral Ribbed Prestressed Concrete Wire), By Surface Coating (Uncoated Strand, Galvanized Strand, Epoxy Coated Strand and Others), By Application (Railroad Industry, Construction Equipment, Bridges and Flyovers), By Region and By Competition, 2019-2029F

<https://marketpublishers.com/r/P077E83ADCA4EN.html>

Date: June 2024

Pages: 180

Price: US\$ 4,900.00 (Single User License)

ID: P077E83ADCA4EN

Abstracts

Global Prestressed Concrete Wire Strand Market was valued at USD 3.87 billion in 2023 and is anticipated to project robust growth in the forecast period with a CAGR of 4.08% through 2029. Governments and private entities worldwide are making substantial investments in infrastructure development. This includes the construction of transportation networks, energy facilities, and public spaces. Prestressed concrete wire strands are integral to these projects, offering a reliable and cost-effective solution for reinforcing structures, reducing maintenance costs, and ensuring longevity.

Key Market Drivers

Increasing Infrastructure Development Projects Worldwide

One of the primary drivers propelling the global prestressed concrete wire strand market is the surge in infrastructure development projects across the globe. With rapid

urbanization and population growth, countries are investing heavily in the construction of highways, bridges, tunnels, and other critical infrastructure. Prestressed concrete, known for its high strength and durability, has become a preferred choice in these projects.

Governments and private entities are allocating substantial budgets for the development of modern and resilient infrastructure to meet the demands of growing populations. Prestressed concrete wire strands play a pivotal role in these projects by providing the necessary reinforcement and structural integrity required for large-scale constructions. The versatility of prestressed concrete makes it suitable for a wide range of applications, contributing to the increased demand for prestressed concrete wire strands.

In regions like Asia-Pacific, where urbanization is occurring at an unprecedented pace, the demand for prestressed concrete wire strands is particularly high. Countries like China and India are investing significantly in transportation and energy infrastructure, driving the growth of the prestressed concrete wire strand market.

Growing Preference for High-Strength Materials in Construction

The construction industry has witnessed a paradigm shift towards the use of high-strength materials to enhance the performance and longevity of structures. Prestressed concrete wire strands, characterized by their superior strength and load-bearing capabilities, are gaining prominence in the construction sector. As architects and engineers strive to design structures that can withstand harsh environmental conditions and heavy loads, the demand for prestressed concrete wire strands is on the rise.

The use of prestressed concrete not only results in structures with reduced maintenance requirements but also enables the construction of longer spans and more innovative designs. This has fueled the adoption of prestressed concrete wire strands in a variety of construction projects, from residential and commercial buildings to large-scale infrastructure.

Additionally, the emphasis on sustainable construction practices has led to the increased use of prestressed concrete, as it allows for the optimization of material usage, reducing the overall environmental impact of construction projects. This growing preference for high-strength and sustainable materials is a significant driver propelling the global prestressed concrete wire strand market.

Technological Advancements in Manufacturing Processes

Technological advancements in the manufacturing processes of prestressed concrete wire strands have played a pivotal role in the market's growth. Innovations in production techniques, such as the introduction of advanced materials and manufacturing automation, have led to increased efficiency and cost-effectiveness in the production of prestressed concrete wire strands.

The development of high-performance alloys and coatings has enhanced the corrosion resistance and overall durability of prestressed concrete wire strands, expanding their application in diverse environments. Moreover, the adoption of computer-aided design (CAD) and simulation tools has allowed manufacturers to optimize the design and production processes, resulting in prestressed concrete wire strands with improved structural performance.

These technological advancements not only contribute to the quality of the final product but also enable manufacturers to meet the increasing demand for prestressed concrete wire strands in a timely and cost-effective manner. As the industry continues to innovate, it is likely to further boost the growth of the global prestressed concrete wire strand market.

Key Market Challenges

Fluctuating Raw Material Prices and Supply Chain Disruptions

One of the prominent challenges facing the global prestressed concrete wire strand market is the volatility in raw material prices and potential disruptions in the supply chain. Prestressed concrete wire strands are typically manufactured using high-quality steel, and any fluctuations in the prices of steel can significantly impact the production costs for manufacturers. The steel market is sensitive to various factors, including global economic conditions, trade policies, and geopolitical events.

Supply chain disruptions, as seen during the COVID-19 pandemic, can pose challenges for the industry. Interruptions in the transportation of raw materials, closures of manufacturing facilities, and delays in international shipments can lead to increased lead times and production costs. Manufacturers in the prestressed concrete wire strand market need to develop resilient supply chain strategies to mitigate the impact of such uncertainties and ensure a steady and cost-effective supply of raw materials.

Efforts to diversify the sourcing of raw materials, strategic stockpiling, and close monitoring of market trends are essential for companies to navigate the challenges associated with fluctuating raw material prices and supply chain disruptions.

Intense Competition and Price Wars

The global prestressed concrete wire strand market is characterized by intense competition among key players and new entrants. The demand for prestressed concrete wire strands is closely linked to the construction industry, and as a result, market players often face challenges related to pricing pressures and potential price wars. The commoditization of products in this market can lead to a focus on cost-cutting measures, which may compromise product quality or innovation.

Price wars can negatively impact profit margins and hinder the ability of manufacturers to invest in research and development or adopt advanced technologies. To overcome this challenge, companies need to differentiate themselves by offering unique value propositions, such as customized solutions, superior product quality, or innovative designs. Building strong relationships with customers, understanding their specific needs, and providing excellent after-sales service can help companies maintain a competitive edge in a crowded market.

Regulatory Compliance and Environmental Concerns

The prestressed concrete wire strand industry is subject to various regulations and standards governing the manufacturing, testing, and use of construction materials. Meeting and adhering to these regulatory requirements can pose challenges for manufacturers, especially as standards evolve or become more stringent. Compliance with international standards, such as those set by organizations like ASTM International, is crucial for ensuring the safety and reliability of prestressed concrete structures.

Environmental concerns also present challenges for the industry, particularly regarding the sustainability of production processes and the recyclability of materials. As governments and consumers increasingly prioritize environmentally friendly practices, manufacturers in the prestressed concrete wire strand market must invest in eco-friendly technologies, explore sustainable materials, and adopt practices that minimize their carbon footprint.

Striking a balance between regulatory compliance, environmental sustainability, and cost-effectiveness is a complex challenge for companies in the prestressed concrete

wire strand market. Proactive engagement with regulatory bodies, continuous monitoring of environmental trends, and a commitment to sustainable practices are essential for overcoming these challenges and ensuring long-term success in the market.

Key Market Trends

Increasing Adoption of High-Strength Prestressed Concrete Wire Strands for Innovative Structures

A notable trend in the global prestressed concrete wire strand market is the increasing adoption of high-strength variants to meet the demands of innovative and ambitious construction projects. As architects and engineers push the boundaries of design and seek to create structures with longer spans, higher load-bearing capacities, and enhanced durability, the demand for prestressed concrete wire strands with superior strength characteristics is on the rise.

High-strength prestressed concrete wire strands, often manufactured with advanced alloys and specialized coatings, offer a significant advantage in terms of structural performance. These strands allow for the construction of slender and aesthetically pleasing structures while maintaining the necessary safety and reliability standards. Examples of such innovative applications include long-span bridges, high-rise buildings, and complex architectural designs that require the strength and flexibility of high-performance prestressed concrete.

This trend is driven by a combination of factors, including advancements in material science and manufacturing technologies. Manufacturers are investing in research and development to produce prestressed concrete wire strands with even higher tensile strength and improved corrosion resistance. As construction practices continue to evolve, the trend toward the adoption of high-strength prestressed concrete wire strands is expected to persist, influencing the market's product development strategies and driving innovation in the construction industry.

Growing Emphasis on Sustainable and Eco-Friendly Manufacturing Practices

In response to the increasing focus on sustainable development and environmental conservation, a significant trend in the global prestressed concrete wire strand market is the growing emphasis on sustainable and eco-friendly manufacturing practices. As governments, regulatory bodies, and consumers place greater importance on reducing

the environmental impact of construction materials, manufacturers in the prestressed concrete wire strand industry are adopting measures to align with these sustainability goals.

One key aspect of this trend involves the exploration of alternative materials and manufacturing processes that have a lower environmental footprint. This includes the use of recycled steel and other eco-friendly alloys in the production of prestressed concrete wire strands. Additionally, manufacturers are investing in energy-efficient technologies and processes to minimize the carbon footprint associated with production.

Certification programs and eco-labeling initiatives are gaining traction in the industry, providing consumers with information about the environmental performance of prestressed concrete wire strands. As sustainable construction practices become more prevalent, the demand for prestressed concrete wire strands produced through eco-friendly methods is expected to increase. This trend not only addresses environmental concerns but also serves as a market differentiator for manufacturers, appealing to environmentally conscious customers and contributing to the overall sustainability of the construction sector.

Segmental Insights

Application Insights

The Bridges segment dominated the Global Prestressed Concrete Wire Strand Market in 2023. The Bridges segment is a critical component of the global prestressed concrete wire strand market, representing a substantial share of the overall demand. This segment's dynamics are influenced by factors such as infrastructure development, engineering advancements, and the need for durable and long-lasting structures.

The global trend of rapid urbanization, particularly in emerging economies, has fueled the demand for new bridges to facilitate smoother transportation and connectivity. Prestressed concrete wire strands play a crucial role in these projects, providing the necessary strength and durability to support the heavy loads and dynamic forces experienced by these structures.

Bridges are exposed to harsh environmental conditions and high traffic loads, necessitating materials with superior structural integrity. Prestressed concrete, reinforced by wire strands, offers enhanced strength, durability, and resistance to wear and tear, making it a preferred choice for the construction of bridges.

The integration of smart technologies in bridge construction is an emerging trend. This includes the use of sensors and monitoring systems to assess the structural health of bridges continuously. Prestressed concrete wire strands, with their role in providing structural stability, contribute to the success of smart infrastructure initiatives in the Bridges segment.

There is an increasing emphasis on using environmentally friendly materials and construction practices to minimize the environmental impact of infrastructure projects. Prestressed concrete, when combined with sustainable manufacturing processes and materials, aligns with these eco-friendly initiatives. In conclusion, the Bridges segment of the global prestressed concrete wire strand market is driven by urbanization, infrastructure development, and innovations in engineering design. While challenges related to regulatory standards and initial investment persist, emerging trends such as smart infrastructure and sustainability are shaping the future of this segment, offering opportunities for growth and advancements in bridge and flyover construction.

Regional Insights

Asia Pacific emerged as the dominated region in 2023, holding the largest market share. The Asia-Pacific region has been experiencing significant urbanization, with a growing population moving to urban areas. This trend has led to increased demand for infrastructure development, including bridges, roads, and other construction projects, which, in turn, boosts the demand for prestressed concrete wire strand.

The construction industry in the Asia-Pacific region has been witnessing robust growth, driven by both public and private sector investments. This growth in construction activities contributes to the demand for high-strength and durable materials like prestressed concrete wire strand.

Advancements in manufacturing technologies and construction practices can influence the prestressed concrete wire strand market. The adoption of more efficient and cost-effective production methods can enhance the competitiveness of manufacturers in the region.

There is an increasing emphasis on sustainable and environmentally friendly construction practices in the Asia-Pacific region. Prestressed concrete, with its long lifespan and durability, aligns with sustainability goals, and this factor could drive its use in construction projects.

With a growing population in many Asia-Pacific countries, there is a continuous demand for housing. The construction of residential buildings often involves the use of prestressed concrete products, including wire strand, to ensure structural integrity and longevity.

The Asia-Pacific region is a significant player in the global trade of construction materials. Manufacturers in the region may find opportunities for export to other markets, contributing to the overall growth of the prestressed concrete wire strand market.

Key Market Players

Guizhou Wire Rope Incorporated Company

Henan Hengxing Science & Technology Co., Ltd.

Suzuki Garphyttan AB

Al Ittefaq Steel Products Co.

ArcelorMittal Group

DWK Drahtwerk K?In GmbH

Jiangsu Shagang International Trade Co., Ltd

Sumitomo Electric Group

Report Scope:

In this report, the Global Prestressed Concrete Wire Strand Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Prestressed Concrete Wire Strand Market, By Type:

Prestressed Concrete Steel Wire

Plain Prestressed Concrete Wire

Indented Prestressed Concrete Wire

Spiral Ribbed Prestressed Concrete Wire

Prestressed Concrete Wire Strand Market, By Surface Coating:

Uncoated Strand

Galvanized Strand

Epoxy Coated Strand

Others

Prestressed Concrete Wire Strand Market, By Application:

Railroad Industry

Construction Equipment

Bridges

Flyovers

Prestressed Concrete Wire Strand Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Netherlands

Belgium

Asia-Pacific

China

India

Japan

Australia

South Korea

Thailand

Malaysia

South America

Brazil

Argentina

Colombia

Chile

Middle East & Africa

South Africa

Saudi Arabia

UAE

Turkey

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Prestressed Concrete Wire Strand Market.

Available Customizations:

Global Prestressed Concrete Wire Strand Market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Formulation of the Scope
- 2.4. Assumptions and Limitations
- 2.5. Sources of Research
 - 2.5.1. Secondary Research
 - 2.5.2. Primary Research
- 2.6. Approach for the Market Study
 - 2.6.1. The Bottom-Up Approach
 - 2.6.2. The Top-Down Approach
- 2.7. Methodology Followed for Calculation of Market Size & Market Shares
- 2.8. Forecasting Methodology
 - 2.8.1. Data Triangulation & Validation

3. EXECUTIVE SUMMARY

4. IMPACT OF COVID-19 ON GLOBAL PRESTRESSED CONCRETE WIRE STRAND MARKET

5. VOICE OF CUSTOMER

6. GLOBAL PRESTRESSED CONCRETE WIRE STRAND MARKET OVERVIEW

7. GLOBAL PRESTRESSED CONCRETE WIRE STRAND MARKET OUTLOOK

- 7.1. Market Size & Forecast
 - 7.1.1. By Value

7.2. Market Share & Forecast

7.2.1. By Type (Prestressed Concrete Steel Wire, Plain Prestressed Concrete Wire, Indented Prestressed Concrete Wire and Spiral Ribbed Prestressed Concrete Wire)

7.2.2. By Surface Coating (Uncoated Strand, Galvanized Strand, Epoxy Coated Strand and Others)

7.2.3. By Application (Railroad Industry, Construction Equipment and Bridges & Flyovers)

7.2.4. By Region (North America, Europe, South America, Middle East & Africa, Asia Pacific)

7.3. By Company (2022)

7.4. Market Map

8. NORTH AMERICA PRESTRESSED CONCRETE WIRE STRAND MARKET OUTLOOK

8.1. Market Size & Forecast

8.1.1. By Value

8.2. Market Share & Forecast

8.2.1. By Type

8.2.2. By Surface Coating

8.2.3. By Application

8.2.4. By Country

8.3. North America: Country Analysis

8.3.1. United States Prestressed Concrete Wire Strand Market Outlook

8.3.1.1. Market Size & Forecast

8.3.1.1.1. By Value

8.3.1.2. Market Share & Forecast

8.3.1.2.1. By Type

8.3.1.2.2. By Surface Coating

8.3.1.2.3. By Application

8.3.2. Canada Prestressed Concrete Wire Strand Market Outlook

8.3.2.1. Market Size & Forecast

8.3.2.1.1. By Value

8.3.2.2. Market Share & Forecast

8.3.2.2.1. By Type

8.3.2.2.2. By Surface Coating

8.3.2.2.3. By Application

8.3.3. Mexico Prestressed Concrete Wire Strand Market Outlook

8.3.3.1. Market Size & Forecast

- 8.3.3.1.1. By Value
- 8.3.3.2. Market Share & Forecast
 - 8.3.3.2.1. By Type
 - 8.3.3.2.2. By Surface Coating
 - 8.3.3.2.3. By Application

9. EUROPE PRESTRESSED CONCRETE WIRE STRAND MARKET OUTLOOK

- 9.1. Market Size & Forecast
 - 9.1.1. By Value
- 9.2. Market Share & Forecast
 - 9.2.1. By Type
 - 9.2.2. By Surface Coating
 - 9.2.3. By Application
 - 9.2.4. By Country
- 9.3. Europe: Country Analysis
 - 9.3.1. Germany Prestressed Concrete Wire Strand Market Outlook
 - 9.3.1.1. Market Size & Forecast
 - 9.3.1.1.1. By Value
 - 9.3.1.2. Market Share & Forecast
 - 9.3.1.2.1. By Type
 - 9.3.1.2.2. By Surface Coating
 - 9.3.1.2.3. By Application
 - 9.3.2. France Prestressed Concrete Wire Strand Market Outlook
 - 9.3.2.1. Market Size & Forecast
 - 9.3.2.1.1. By Value
 - 9.3.2.2. Market Share & Forecast
 - 9.3.2.2.1. By Type
 - 9.3.2.2.2. By Surface Coating
 - 9.3.2.2.3. By Application
 - 9.3.3. United Kingdom Prestressed Concrete Wire Strand Market Outlook
 - 9.3.3.1. Market Size & Forecast
 - 9.3.3.1.1. By Value
 - 9.3.3.2. Market Share & Forecast
 - 9.3.3.2.1. By Type
 - 9.3.3.2.2. By Surface Coating
 - 9.3.3.2.3. By Application
 - 9.3.4. Italy Prestressed Concrete Wire Strand Market Outlook
 - 9.3.4.1. Market Size & Forecast

- 9.3.4.1.1. By Value
- 9.3.4.2. Market Share & Forecast
 - 9.3.4.2.1. By Type
 - 9.3.4.2.2. By Surface Coating
 - 9.3.4.2.3. By Application
- 9.3.5. Spain Prestressed Concrete Wire Strand Market Outlook
 - 9.3.5.1. Market Size & Forecast
 - 9.3.5.1.1. By Value
 - 9.3.5.2. Market Share & Forecast
 - 9.3.5.2.1. By Surface Coating
 - 9.3.5.2.2. By Type
 - 9.3.5.2.3. By Application
- 9.3.6. Netherlands Prestressed Concrete Wire Strand Market Outlook
 - 9.3.6.1. Market Size & Forecast
 - 9.3.6.1.1. By Value
 - 9.3.6.2. Market Share & Forecast
 - 9.3.6.2.1. By Type
 - 9.3.6.2.2. By Surface Coating
 - 9.3.6.2.3. By Application
- 9.3.7. Belgium Prestressed Concrete Wire Strand Market Outlook
 - 9.3.7.1. Market Size & Forecast
 - 9.3.7.1.1. By Value
 - 9.3.7.2. Market Share & Forecast
 - 9.3.7.2.1. By Type
 - 9.3.7.2.2. By Surface Coating
 - 9.3.7.2.3. By Application

10. SOUTH AMERICA PRESTRESSED CONCRETE WIRE STRAND MARKET OUTLOOK

- 10.1. Market Size & Forecast
 - 10.1.1. By Value
- 10.2. Market Share & Forecast
 - 10.2.1. By Type
 - 10.2.2. By Surface Coating
 - 10.2.3. By Application
 - 10.2.4. By Country
- 10.3. South America: Country Analysis
 - 10.3.1. Brazil Prestressed Concrete Wire Strand Market Outlook

- 10.3.1.1. Market Size & Forecast
 - 10.3.1.1.1. By Value
- 10.3.1.2. Market Share & Forecast
 - 10.3.1.2.1. By Type
 - 10.3.1.2.2. By Surface Coating
 - 10.3.1.2.3. By Application
- 10.3.2. Colombia Prestressed Concrete Wire Strand Market Outlook
 - 10.3.2.1. Market Size & Forecast
 - 10.3.2.1.1. By Value
 - 10.3.2.2. Market Share & Forecast
 - 10.3.2.2.1. By Type
 - 10.3.2.2.2. By Surface Coating
 - 10.3.2.2.3. By Application
- 10.3.3. Argentina Prestressed Concrete Wire Strand Market Outlook
 - 10.3.3.1. Market Size & Forecast
 - 10.3.3.1.1. By Value
 - 10.3.3.2. Market Share & Forecast
 - 10.3.3.2.1. By Type
 - 10.3.3.2.2. By Surface Coating
 - 10.3.3.2.3. By Application
- 10.3.4. Chile Prestressed Concrete Wire Strand Market Outlook
 - 10.3.4.1. Market Size & Forecast
 - 10.3.4.1.1. By Value
 - 10.3.4.2. Market Share & Forecast
 - 10.3.4.2.1. By Type
 - 10.3.4.2.2. By Surface Coating
 - 10.3.4.2.3. By Application

11. MIDDLE EAST & AFRICA PRESTRESSED CONCRETE WIRE STRAND MARKET OUTLOOK

- 11.1. Market Size & Forecast
 - 11.1.1. By Value
- 11.2. Market Share & Forecast
 - 11.2.1. By Type
 - 11.2.2. By Surface Coating
 - 11.2.3. By Application
 - 11.2.4. By Country
- 11.3. Middle East & Africa: Country Analysis

11.3.1. Saudi Arabia Prestressed Concrete Wire Strand Market Outlook

11.3.1.1. Market Size & Forecast

11.3.1.1.1. By Value

11.3.1.2. Market Share & Forecast

11.3.1.2.1. By Type

11.3.1.2.2. By Surface Coating

11.3.1.2.3. By Application

11.3.2. UAE Prestressed Concrete Wire Strand Market Outlook

11.3.2.1. Market Size & Forecast

11.3.2.1.1. By Value

11.3.2.2. Market Share & Forecast

11.3.2.2.1. By Type

11.3.2.2.2. By Surface Coating

11.3.2.2.3. By Application

11.3.3. South Africa Prestressed Concrete Wire Strand Market Outlook

11.3.3.1. Market Size & Forecast

11.3.3.1.1. By Value

11.3.3.2. Market Share & Forecast

11.3.3.2.1. By Type

11.3.3.2.2. By Surface Coating

11.3.3.2.3. By Application

11.3.4. Turkey Prestressed Concrete Wire Strand Market Outlook

11.3.4.1. Market Size & Forecast

11.3.4.1.1. By Value

11.3.4.2. Market Share & Forecast

11.3.4.2.1. By Type

11.3.4.2.2. By Surface Coating

11.3.4.2.3. By Application

12. ASIA PACIFIC PRESTRESSED CONCRETE WIRE STRAND MARKET OUTLOOK

12.1. Market Size & Forecast

12.1.1. By Value

12.2. Market Share & Forecast

12.2.1. By Type

12.2.2. By Surface Coating

12.2.3. By Application

12.2.4. By Country

12.3. Asia-Pacific: Country Analysis

12.3.1. China Prestressed Concrete Wire Strand Market Outlook

12.3.1.1. Market Size & Forecast

12.3.1.1.1. By Value

12.3.1.2. Market Share & Forecast

12.3.1.2.1. By Type

12.3.1.2.2. By Surface Coating

12.3.1.2.3. By Application

12.3.2. India Prestressed Concrete Wire Strand Market Outlook

12.3.2.1. Market Size & Forecast

12.3.2.1.1. By Value

12.3.2.2. Market Share & Forecast

12.3.2.2.1. By Type

12.3.2.2.2. By Surface Coating

12.3.2.2.3. By Application

12.3.3. Japan Prestressed Concrete Wire Strand Market Outlook

12.3.3.1. Market Size & Forecast

12.3.3.1.1. By Value

12.3.3.2. Market Share & Forecast

12.3.3.2.1. By Type

12.3.3.2.2. By Surface Coating

12.3.3.2.3. By Application

12.3.4. South Korea Prestressed Concrete Wire Strand Market Outlook

12.3.4.1. Market Size & Forecast

12.3.4.1.1. By Value

12.3.4.2. Market Share & Forecast

12.3.4.2.1. By Type

12.3.4.2.2. By Surface Coating

12.3.4.2.3. By Application

12.3.5. Australia Prestressed Concrete Wire Strand Market Outlook

12.3.5.1. Market Size & Forecast

12.3.5.1.1. By Value

12.3.5.2. Market Share & Forecast

12.3.5.2.1. By Type

12.3.5.2.2. By Surface Coating

12.3.5.2.3. By Application

12.3.6. Thailand Prestressed Concrete Wire Strand Market Outlook

12.3.6.1. Market Size & Forecast

12.3.6.1.1. By Value

12.3.6.2. Market Share & Forecast

12.3.6.2.1. By Type

12.3.6.2.2. By Surface Coating

12.3.6.2.3. By Application

12.3.7. Malaysia Prestressed Concrete Wire Strand Market Outlook

12.3.7.1. Market Size & Forecast

12.3.7.1.1. By Value

12.3.7.2. Market Share & Forecast

12.3.7.2.1. By Type

12.3.7.2.2. By Surface Coating

12.3.7.2.3. By Application

13. MARKET DYNAMICS

13.1. Drivers

13.2. Challenges

14. MARKET TRENDS AND DEVELOPMENTS

15. COMPANY PROFILES

15.1. Guizhou Wire Rope Incorporated Company

15.1.1. Business Overview

15.1.2. Key Revenue and Financials

15.1.3. Recent Developments

15.1.4. Key Personnel/Key Contact Person

15.1.5. Key Product/Services Offered

15.2. Henan Hengxing Science & Technology Co., Ltd.

15.2.1. Business Overview

15.2.2. Key Revenue and Financials

15.2.3. Recent Developments

15.2.4. Key Personnel/Key Contact Person

15.2.5. Key Product/Services Offered

15.3. Suzuki Garphyttan AB

15.3.1. Business Overview

15.3.2. Key Revenue and Financials

15.3.3. Recent Developments

15.3.4. Key Personnel/Key Contact Person

15.3.5. Key Product/Services Offered

- 15.4. Al Ittefaq Steel Products Co.
 - 15.4.1. Business Overview
 - 15.4.2. Key Revenue and Financials
 - 15.4.3. Recent Developments
 - 15.4.4. Key Personnel/Key Contact Person
 - 15.4.5. Key Product/Services Offered
- 15.5. ArcelorMittal Group
 - 15.5.1. Business Overview
 - 15.5.2. Key Revenue and Financials
 - 15.5.3. Recent Developments
 - 15.5.4. Key Personnel/Key Contact Person
 - 15.5.5. Key Product/Services Offered
- 15.6. DWK Drahtwerk K?In GmbH
 - 15.6.1. Business Overview
 - 15.6.2. Key Revenue and Financials
 - 15.6.3. Recent Developments
 - 15.6.4. Key Personnel/Key Contact Person
 - 15.6.5. Key Product/Services Offered
- 15.7. Jiangsu Shagang International Trade Co., Ltd
 - 15.7.1. Business Overview
 - 15.7.2. Key Revenue and Financials
 - 15.7.3. Recent Developments
 - 15.7.4. Key Personnel/Key Contact Person
 - 15.7.5. Key Product/Services Offered
- 15.8. Sumitomo Electric Group
 - 15.8.1. Business Overview
 - 15.8.2. Key Revenue and Financials
 - 15.8.3. Recent Developments
 - 15.8.4. Key Personnel/Key Contact Person
 - 15.8.5. Key Product/Services Offered

16. STRATEGIC RECOMMENDATIONS

17. ABOUT US & DISCLAIMER

I would like to order

Product name: Prestressed Concrete Wire Strand Market - Global Industry Size, Share, Trends, Opportunity, and Forecast Segmented By Type (Prestressed Concrete Steel Wire, Plain Prestressed Concrete Wire, Indented Prestressed Concrete Wire and Spiral Ribbed Prestressed Concrete Wire), By Surface Coating (Uncoated Strand, Galvanized Strand, Epoxy Coated Strand and Others), By Application (Railroad Industry, Construction Equipment, Bridges and Flyovers), By Region and By Competition, 2019-2029F

Product link: <https://marketpublishers.com/r/P077E83ADCA4EN.html>

Price: US\$ 4,900.00 (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/P077E83ADCA4EN.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