

# **Automatic License Plate Recognition Market Size, Trends, Analysis, and Outlook by Type (Fixed ALPR System, Mobile ALPR System, Portable ALPR System), Application (Traffic Management, Parking), Component (Cameras, Software, Frame Grabbers, Triggers), by Country, Segment, and Companies, 2024-2030**

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## **Abstracts**

The global Automotive Airbag Yarn market size is poised to register 6.26% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The study analyzes the global Automotive Airbag Yarn market by Type (Driver Airbags, Passenger Airbags, Side Airbags, Curtain Airbags, Knee Airbags, Others), Application (Compact Car, Mid-Size Car, Large Car, MPV & LCV, SUV, Others), Coating (Neoprene Coating, Silicone Coating, Non-coated), Distribution Channel (OEMs, Aftermarket).

The Automotive Airbag Yarn market is poised for significant growth and innovation leading up, driven by the increasing emphasis on vehicle safety and regulatory mandates for enhanced occupant protection are propelling the demand for high-performance airbag yarns that offer superior strength, durability, and reliability. Further, advancements in yarn manufacturing technology, such as the development of innovative weaving techniques and materials, are enabling the production of airbag yarns with improved tear resistance and energy absorption capabilities. In addition, the rise of electric and autonomous vehicles is reshaping the market landscape, with a growing need for airbag yarns that can meet the unique safety requirements of these vehicles. Furthermore, the expansion of the automotive manufacturing sector and the growing awareness of vehicle safety among consumers are driving market growth, offering opportunities for innovation and market expansion in the Automotive Airbag

Yarn segment. .

### Automotive Airbag Yarn Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Automotive Airbag Yarn market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Automotive Airbag Yarn survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Automotive Airbag Yarn industry.

### Key market trends defining the global Automotive Airbag Yarn demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

### Automotive Airbag Yarn Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Automotive Airbag Yarn industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Automotive Airbag Yarn companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Automotive Airbag Yarn industry  
Leading Automotive Airbag Yarn companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Automotive Airbag Yarn companies.

### Automotive Airbag Yarn Market Study- Strategic Analysis Review

The Automotive Airbag Yarn market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis.

Explore potential market disruptions, technology advancements, and economic changes.

### Automotive Airbag Yarn Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Automotive Airbag Yarn industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

### Automotive Airbag Yarn Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

### North America Automotive Airbag Yarn Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Automotive Airbag Yarn market segments. Similarly, Strong end-user demand is encouraging Canadian Automotive Airbag Yarn companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Automotive Airbag Yarn market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

### Europe Automotive Airbag Yarn Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European

Automotive Airbag Yarn industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Automotive Airbag Yarn market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

**Asia Pacific Automotive Airbag Yarn Market Size Outlook-** an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Automotive Airbag Yarn in Asia Pacific. In particular, China, India, and South East Asian Automotive Airbag Yarn markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

**Latin America Automotive Airbag Yarn Market Size Outlook-** Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

**Middle East and Africa Automotive Airbag Yarn Market Size Outlook-** continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Automotive Airbag Yarn market potential. Fueled by increasing consumption expenditure, growing population, and high demand across a few markets drives the demand for Automotive Airbag Yarn.

**Automotive Airbag Yarn Market Company Profiles**

The global Automotive Airbag Yarn market is characterized by intense competitive

conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Asahi Kasei Fibers & Textiles, Ascend Performance Materials LLC, Autoliv Inc, Hyosung Corp, INVISTA B.V., Nexis Fibers Inc, Takata Corp, Toray Industries Inc, Toyobo Co. Ltd, ZF Friedrichshafen AG.

### Recent Automotive Airbag Yarn Market Developments

The global Automotive Airbag Yarn market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

### Automotive Airbag Yarn Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

### Market Segmentation:

Type

Driver Airbags

Passenger Airbags

Side Airbags

Curtain Airbags

Knee Airbags

Others

Application

Compact Car

Mid-Size Car

Large Car

MPV & LCV

SUV

Others

Coating

Neoprene Coating

Silicone Coating

Non-coated

Distribution Channel

OEMs

Aftermarket

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Asahi Kasei Fibers & Textiles

Ascend Performance Materials LLC

Autoliv Inc

Hyosung Corp

INVISTA B.V.

Nexis Fibers Inc

Takata Corp

Toray Industries Inc

Toyobo Co. Ltd

ZF Friedrichshafen AG.

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Type

Fixed ALPR System

Mobile ALPR System

Portable ALPR System

Application

Traffic Management

Parking

Component

Cameras

Software

Frame Grabbers

Triggers

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### **3M COMPANY**

CA Traffic Ltd  
Digital Recognition Network  
Fida Systems Ltd  
FLIR Systems Inc  
Image Sensing Systems Inc  
Merit LILIN Ent. Co. Ltd

NDI Recognition Systems Ltd  
Robert Bosch GmbH  
Selex ES  
Siemens AG  
TitanHz Inc  
Vysionics ITS Ltd

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