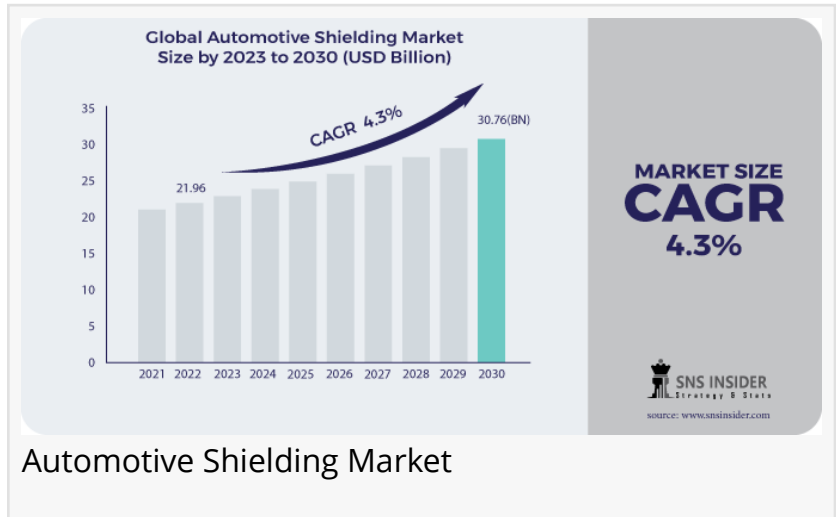


# Automotive Shielding Market Demand will Reach a Value of USD 30.76 Billion by 2030 at a CAGR of 4.3%

*Automotive Shielding Market Size, Share And Segmentation By Shielding, By Heat Application, By Vehicle Type, By Regions And Global Market Forecast 2023-2030*

AUSTIN, TEXAS, UNITED STATES, January 31, 2024 /EINPresswire.com/ -- [Automotive Shielding Market](#) size was valued at USD 21.96 billion in 2022 and is expected to reach USD 30.76 billion by 2030 and grow at a CAGR of 4.3% over the forecast period 2023-2030, As the demand for electric vehicles surges and automotive technology advances, the need for effective electromagnetic interference (EMI) and radio frequency interference (RFI) shielding becomes paramount.



Automotive Shielding Market

According to SNS Insider, the integration of smart materials and IoT technologies in flywheel design opens doors to innovative solutions for energy management and recuperation.

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Automotive Shielding Market is Forecasted to Reach USD 30.76 Billion by 2030, Growing at a CAGR of 4.3% (2023-2030) | Increasing Popularity of Vehicles with Lower Fuel Consumption.”

*Sr. Researcher Roshan Rathod*

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Prominent Players:

- Laird PLC (UK)
- Dana Limited (US)

- Schaffner Holding (Switzerland)
- ElringKlinger AG (Germany)
- Federal-Mogul Corporation (US)

- Morgan Advanced Materials (UK)
- Kitagawa Europe (Japan)
- Autoneum (Switzerland)
- Progress-WerkOberkirch AG (Germany)

#### Market Scope:

Automotive Shielding Market is poised for dynamic expansion as the automotive industry undergoes a paradigm shift towards electrification and advanced connectivity. With the increasing integration of electronic components and sensitive systems in modern vehicles, the demand for effective electromagnetic interference (EMI) shielding solutions has surged. Automotive shielding not only safeguards critical electronic components from interference but also plays a pivotal role in enhancing the overall efficiency and reliability of electric and hybrid vehicles.

#### Opportunity Analysis:

The market is driven by the rising awareness of the adverse effects of electromagnetic radiation on vehicle performance. As automakers continue to push the boundaries of innovation, the Automotive Shielding Market is set to witness robust growth, offering a spectrum of opportunities for manufacturers to develop cutting-edge solutions that address the evolving needs of the automotive ecosystem.

#### Segmentation Analysis:

The passenger cars segment stands as a crucible for innovation, where automotive shielding becomes a critical enabler of the next generation of safe, efficient, and technologically advanced vehicles. The burgeoning demand for passenger vehicles, driven by evolving consumer preferences and technological advancements, propels the significance of automotive shielding within this segment. As the automotive industry steers towards electric and hybrid alternatives, the integration of advanced electronic components in passenger cars elevates the need for effective electromagnetic shielding to ensure optimal performance and safety. Furthermore, the rising emphasis on connectivity and autonomous features in modern vehicles amplifies the role of shielding materials in protecting sensitive electronics from interference.

#### By Shielding:

- Heat
- Electromagnetic Interference

#### By Heat Application:

- Engine

- Turbocharger
- Battery Management
- Fuel Tank

By Vehicle Type:

- Passenger Cars (PC)
- Lightweight Commercial Vehicles (LCV)
- Heavy Weight Commercial Vehicles (HCV)

Regional Analysis:

The APAC region stands at the forefront of transformative trends in the Automotive Flywheel Market, showcasing a dynamic landscape driven by technological advancements and shifting consumer preferences. As the automotive industry undergoes a profound evolution towards electrification and sustainability, APAC emerges as a pivotal player in shaping the future of flywheel technology. Countries like China, Japan, and South Korea are spearheading innovations, with a strong emphasis on reducing emissions and enhancing fuel efficiency. The burgeoning demand for electric vehicles (EVs) in the region has propelled research and development efforts, leading to the integration of advanced flywheel systems that contribute to energy recovery and storage in hybrid and electric platforms.

Key Takeaways:

- With an increasing focus on sustainability and reduced emissions, the Automotive Shielding Market stands at the forefront of a transformative era, where the convergence of cutting-edge materials and engineering ingenuity promises to redefine the boundaries of vehicular technology.
- In navigating this expansive terrain, industry players have the chance to pioneer novel shielding solutions that not only address current challenges but also anticipate and adapt to the future demands of the automotive ecosystem.

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Recent Industry Developments:

Key players in the automotive shielding sector included companies such as Laird Performance Materials, 3M Company, Parker Hannifin Corporation, Henkel AG & Co. KGaA, and Dana Incorporated. These companies have been actively involved in the development of advanced automotive shielding solutions to address electromagnetic interference (EMI), radiofrequency interference (RFI), and thermal management challenges in modern vehicles. Laird has been known for its expertise in providing innovative electromagnetic shielding solutions.

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