

EMI Shielding Market by Material (Conductive Coatings & Paints, Conductive Polymers, Conductive Elastomers, Metal Shielding, EMI Shielding Tapes, EMI/EMC Filters), Method (Radiation, Conduction), Load Type, Industry & Region - Global Forecast to 2028

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Abstracts

The global EMI shielding market was valued at USD 7.0 billion in 2023 and is estimated to reach USD 9.4 billion by 2028, registering a CAGR of 5.9% during the forecast period. Increasing demand for consumer electronics, stringent government regulations and standards for various industries, and adoption of innovative electronics fuels the market. Moreover, rising level of automation is fueling the demand for EMI shielding market. These trends are leading to the growth of the EMI shielding market.

“Shielding tapes and laminates are expected to grow at the highest CAGR during the forecast period.”

Shielding tapes and laminates segment is growing at the highest CAGR in the EMI shielding market. The widespread adoption of electronic devices across diverse industries, including consumer electronics, telecommunications, automotive, and healthcare, has amplified the need to safeguard sensitive electronic components from electromagnetic interference. EMI shielding tapes and laminates offer an efficient solution to mitigate EMI and ensure the seamless operation of electronic devices.

“Conduction segment is projected to grow fastest in EMI shielding market.”

The conduction segment is growing at the highest CAGR in the EMI shielding.

Conduction-based shielding methods can be applied to a wide range of materials and surfaces, including plastics, metals, composites, and others. This versatility makes them a suitable choice for a diverse array of applications. Moreover, conduction-based solutions are often more cost-effective, particularly in high-volume applications. The combination of these advantages has propelled conduction-based shielding in EMI shielding market.

“US is projected to dominate in North America region for EMI shielding market”

US is having the largest market share in the EMI shielding market due to several factors. The US has a sizable manufacturing base for EMI shielding products, which allows for efficient production and cost-effectiveness. It has the presence of manufacturers such as Parker Hannifin, and PPG Industries Inc. The country is a major consumer of electronic devices, which creates a high demand for effective EMI shielding solutions. These factors collectively serve as pivotal drivers for the expansion of the EMI shielding market within the country.

In-depth interviews have been conducted with chief executive officers (CEOs), Directors, and other executives from various key organizations operating in the EMI shielding marketplace.

By Company Type: Tier 1 – 20%, Tier 2 – 35%, and Tier 3 – 45%

By Designation: C-level Executives – 25%, Directors – 35%, and Others – 40%

By Region: North America– 20%, Europe – 30%, Asia Pacific– 40% and RoW- 10%

Parker Hannifin Corp (US), PPG Industries Inc. (US), 3M (US), Hankel (Germany), Laird Technologies Inc. (US), Leader Tech Inc. (US), MG Chemicals (Canada), Nolato AB (Sweden), Tech Etch Inc. (US), RTP Company (US), Schaffner Holding AG (Switzerland), are some of the key players in the EMI shielding market.

The study includes an in-depth competitive analysis of these key players in the EMI shielding market, with their company profiles, recent developments, and key market strategies.

Research Coverage

EMI Shielding Market by Material (Conductive Coatings & Paints, Conductive Polymers, Conductive Elastomers, Me...

This research report categorizes the EMI shielding market by material (Conductive Coatings and Paints, Conductive Polymers, Metal Shielding, EMI Shielding, EMI Filters, EMI Shielding Tapes & Laminates), by method (Radiation, Conduction), by industry (Consumer Electronics, Telecommunications and Information Technology, Automotive, Healthcare, Aerospace, and Others), and by region (North America, Europe, Asia Pacific, and RoW). The scope of the report covers detailed information regarding the major factors, such as drivers, restraints, challenges, and opportunities, influencing the growth of the EMI shielding market. A detailed analysis of the key industry players has been done to provide insights into their business overview, solutions, and services; key strategies; Contracts, partnerships, agreements. new product & service launches, mergers and acquisitions, and recent developments associated with the EMI shielding market. Competitive analysis of upcoming startups in the EMI shielding market ecosystem is covered in this report.

Reasons to buy this report

The report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall EMI shielding market and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and to plan suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the market and provides them with information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

Analysis of key drivers (Stringent government regulations and standards, increasing proliferation of wireless devices, rising demand for consumer electronics, and rapid industrialization across the globe), restraints (high costs associated with EMI shielding solutions, limited effectiveness of traditional methods), opportunities (Increasing adoption of electric vehicle across the globe, and rising adoption of innovative electronics in various sectors), and challenges (rising complexity due to miniaturization) influencing the growth of the EMI shielding market

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the EMI shielding market

Market Development: Comprehensive information about lucrative markets – the report analyses the EMI shielding market across varied regions.

Market Diversification: Exhaustive information about new products & services, untapped geographies, recent developments, and investments in the EMI shielding market

Competitive Assessment: In-depth assessment of market shares, growth strategies and service offerings of leading players like Parker Hannifin Corp (US), PPG Industries Inc. (US), 3M (US), Hankel (Germany), Laird Technologies Inc. (US), Leader Tech Inc. (US), MG Chemicals (Canada), Nolato AB (Sweden), Tech Etch Inc. (US), RTP Company (US), Schaffner Holding AG (Switzerland) among others in the EMI shielding market.

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*Details on Business Overview, Products/Solutions/Services Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats) might not be captured in case of unlisted companies.

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