

## **Global Electronic Films Market Report and Forecast 2024-2032**

Market Report | 2024-05-02 | 165 pages | EMR Inc.

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### **Report description:**

Global Electronic Films Market Report and Forecast 2024-2032

Market Outlook

According to the report by Expert Market Research (EMR), the global electronic films market size reached a value of USD 9.55 billion in 2023. Aided by the burgeoning electronics sector and the escalating demand for high-performance films in various applications, the market is projected to further grow at a CAGR of 7.2% between 2024 and 2032 to reach a value of USD 17.96 billion by 2032.

Electronic films are pivotal in the manufacturing of electronic devices, offering critical functionalities such as conductivity, optical enhancement, and protection. These films find extensive applications in displays, printed circuit boards (PCBs), semiconductors, and solar cells, among others. The increasing consumer penchant for advanced electronic devices with higher durability, improved performance, and enhanced aesthetics is driving the demand for high-quality electronic films.

The proliferation of technologies such as flexible displays, wearable electronics, and thin-film photovoltaics has fuelled the electronic films market growth. Additionally, the push towards miniaturisation of electronic components and the integration of smart technologies across various sectors necessitate the use of electronic films to achieve higher efficiency and reliability. Moreover, the market is witnessing a significant shift towards sustainable and eco-friendly films, driven by stringent environmental regulations and a growing awareness regarding the environmental impact of electronic waste. This trend is encouraging manufacturers to innovate and develop films with reduced carbon footprints and recyclable materials, thereby opening new avenues for market growth.

The electronic films market is characterised by rapid technological advancements and product innovations. Manufacturers are increasingly focusing on the development of transparent conductive films, barrier films, and insulating films that offer superior properties such as high transparency, flexibility, and thermal stability. The advent of nanotechnology and the exploration of novel materials like graphene and conductive polymers are set to revolutionise the market, offering unprecedented opportunities for enhancements in electronic devices.

As per the electronic films market analysis, another notable trend is the increasing adoption of OLED and flexible LCD displays in smartphones, televisions, and wearable devices, which necessitates the use of specialised films to improve light management and protect sensitive components from environmental factors.

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Asia-Pacific occupies a substantial electronic films market share, due to the region's stronghold in the electronics manufacturing sector, particularly in countries like China, South Korea, and Japan. The presence of major electronics giants, coupled with the high consumption of electronic devices, propels the demand for electronic films in this region.

#### Market Segmentation □

The market can be divided based on film type, material, application, and region.

#### Market Breakup by Film Type

- Conductive
- Non-Conductive

#### Market Breakup by Material

- Polymer
- ITO on Glass
- ITO on Pet
- Metal Mesh
- Others

#### Market Breakup by Application

- Electronic Display
- Printed Circuit Board
- Semiconductors
- Others

#### Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

#### Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and mergers and acquisitions, among other major developments, of the leading companies operating in the global electronic films market. Some of the major players explored in the report by Expert Market Research are as follows:

- 3M Company
- DuPont de Nemours Inc.
- Toray International, Inc.
- Saint Gobain SA
- Merck KGaA
- Nitto Denko Corporation
- Saudi Basic Industries Corporation SJS
- Toyobo Co., Ltd.
- Dontech, Inc.
- Others

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