

# At 6.5% CAGR, Global Conductive Ink Market Size & Share Surpass US\$ 9.8 Bn By 2030, Forecast & Analysis Report By CMI

*The Conductive Ink Market was at US\$ 3.8 Billion in 2021 and is growing to approx US\$ 9.8 Billion by 2030, with a CAGR growth of 6.5% between 2027 and 2030.*

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According to the study, The [Global Conductive Ink Market](#) was estimated at USD 3.8 Billion in 2021 and is anticipated to reach around USD 9.8 Billion by 2030, growing at a CAGR of roughly 6.5% between 2027 and 2030.



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## [Conductive Ink Market](#): Overview

Conductive ink comprises a conductive material, a thermoplastic polyvinyl butyral terpolymer binder, and a glycol ether solvent and carbon particle, which is infused into the ink due to its suitable conductive property. It is widely used in automobiles, electronics, displays, switches, and many others.

## Conductive Ink Market: Growth Drivers

The growing use of conductive ink in the automotive and electronics sectors will aid market growth.

The rising incidences of short circuits in the electrical components have escalated the demand

for conductive inks, which are extensively replaced with wires and copper tracks. This factor is anticipated to enhance the overall demand for conductive inks in the growing electronics industry.

A rise in urbanization drives the growth of the Conductive Ink Market, an increase in the use of renewable energy, and support from governments of developed and developing nations such as the U.S., India, China, and others are key market trends for the Conductive Ink Market. Photovoltaic cells convert solar energy to direct current electricity, whereas conductive inks can be used on flexible and rigid substrates for thin film and photovoltaic grid line applications. Merk KGaA Company offers Plexcore PV Inks for a printed solar power system. This is projected to propel the market's conductive ink growth.

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#### Key Insights:

A) As per the analysis shared by our research analyst, the Conductive Ink market is estimated to grow annually at a CAGR of around 6.5% over the forecast period (2022-2030).

B) In terms of revenue, the Conductive Ink market was valued at around USD 3.8 Billion in 2021 and is projected to reach USD 9.8 Billion by 2030. Due to a variety of driving factors, the market is predicted to rise at a significant rate.

C) There is a lack of requirement for high-tech technology, and chemical compatibility for the formulation of polymers is one of the restraining factors for the conductive ink market. Furthermore, the adoption of alternative substitutes over expensive silver-based conductive ink. These factors together are hampering the overall market growth.

D) Several vital companies actively manufacture cost-effective alternative substitutes over costly silver-based conductive inks, whereas graphene-based inks are widely employed in various end-use industries. These factors collectively witnessed high potential growth for conductive inks, thus offering remunerative market opportunities.

E) The fluctuation in the prices of silver-based conductive ink may be a challenging factor during the forecast period. In addition, installing high-tech technology for nonconductive inks is off challenging the manufacturer thus, the market.

Press Release For Conductive Ink Market : <https://www.custommarketinsights.com/press-releases/conductive-ink-market-size/>

#### Regional Landscape

Region-wise, the market is studied across North America, Europe, Asia-Pacific, and LAMEA.

Asia-Pacific is the dominant region in the Conductive Ink Market. This region is also anticipated to maintain its dominance throughout the forecast period. Countries such as China, Japan, India, and others significantly contribute to the region's conductive ink market growth.

Critical factors for the rising population and growing demand for electric vehicles, electronic components, and other end-use industries have surged the need for conductive ink.

Furthermore, the rising use of sustainable and renewable energy, growing industrialization, urbanization, and increase in the electricity demand has augmented to spur the growth of conductive inks in the photovoltaic Application in the countries such as India, China, Southeast Asia countries, and others are expected to act as key market trends for the growth of.

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### Key Players

BASF SE  
EverZinc  
Griller-Werke AG  
Inframat Advanced Material LLC  
Lanxess Corporation  
Nanophase Technologies Corporation  
Pan-Continental Chemical Co. Ltd.  
Sakai Chemical Industry Co. Ltd.  
Showa Denko Materials Co. Ltd.  
Umicore N.V.  
American Elements  
Nano Labs  
U.S. Research Nanomaterials Inc.  
Sigma-Aldrich Co. LLC  
Micronisers Pty Ltd

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The Conductive Ink Market is segmented as follows:

### By Product Type

Silver Inks  
Copper Inks  
Carbon Nanotube inks  
Carbon/Graphene Inks

### By Application

Photovoltaics  
Membrane Switches  
Displays  
RFID  
Electronics  
Automotive  
Others

By Geography

North America

The USA  
Canada  
Mexico  
Europe  
The UK  
Germany  
France  
Italy  
Russia  
Rest of Europe

Asia Pacific

China  
India  
Japan  
South Korea  
Malaysia  
Philippines  
Rest of Asia-pacific

Latin America

Brazil  
Rest of Latin America  
Middle East and Africa  
GCC  
North Africa  
South Africa  
Rest of Middle East & Africa

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