

Conductive Inks - Global Market Outlook (2017-2023)

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Abstracts

According to Statistics MRC, the Global Conductive Inks Market accounted for \$3.12 billion in 2016 and is expected to reach \$4.33 billion by 2023 growing at a CAGR of 4.8% during the forecast period. One of the key factors fueling the market is the exponential increase in the growth of printed electronics technology. Conductive ink is extensively used in automotive sector and also in smart packaging applications. The usage of smart packaging has amplified in pharmaceutical and food product industry in the recent years, which, in turn, is expected to propel the growth of conductive ink market in the FMCG sector.

Carbon or grapheme base provides the conductive ink with an added flexibility and performance. Carbon-based inks are extensively being used in the fabrication of nanomaterials due to their low cost and customization. Conductive silver ink also has several applications because of its high thermal conductivity and printability. However, manufacturers are exploring substitutes for silver owing to its high cost and shortage.

The key players are expanding their product portfolio as they can, hoping that one or more of niche markets become huge success stories. That's why big companies have all categories of new inks on the market, whether they are inks that are in-mold compatible, stretchable inks, inks that can be used in extremely high or extremely low temperatures or many others. The capability to customize the formulation will be a big selling point. The United States and European markets are observed to be major markets, and it is expected that production volumes will grow as the conventional packaging converter base begin developing more production capabilities for electronics at lesser costs.

Some of the key players in the market include Conductive Compounds Inc., Creative Materials Inc., E. I. Dupont De Nemours and Company, Henkel AG & Co. KGAA,

Heraeus Holding GmbH, Johnson Matthey PLC, Novacentrix, Poly-Ink, Sun Chemical Corporation, Vorbeck Materials Corporation, Advanced Nano Products Co. Ltd. (Korea), Agfa-Gevaert N.V. (Belgium), AgIC Inc. (Tokyo, Japan), Applied Nanotech Holdings Inc. (Texas, U.S.) and Bando Chemical Industries, Ltd. (Japan).

Applications Covered:

Printed Circuit Board

Biosensors

Displays

Photovoltaic

Membrane Switches

Radio Frequency Identification

Other Applications

Type of Ink Covered:

Carbon/Graphene Ink

Carbon Nanotubes Ink

Copper Conductive Inks

Dielectric Ink

Conductive Polymers Ink

Silver Conductive Inks

Other Ink Types

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market

estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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