

The Global Market for Conductive Inks 2021-2031

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Abstracts

Conductive inks are mainly used in the printed electronics industry to produce printed circuits, organic light-emitting diodes, electrochemical sensors, energy storage devices, solar cells, radio-frequency identification tags, and battery test stripes.

The global market for conductive inks is estimated at >\$3 billion in annual revenues, and will continue to grow as applications proliferate in sensors, wearables, smart packaging, flexible electronics, OLEDs, thin film transistors, photovoltaics, smart textiles, automotive and more.

Not only will demand across all current markets grow, but the development of new materials and processes is leading to the creation of new market opportunities for conductive ink producers and suppliers in flexible, customized and 3D printed electronics. Opportunities explored in this report include:

Flexible and stretchable electronics.

Printed electronics for smartphones (printed antennas, touch screens).

Printed circuit boards.

3D printing.

Smart packaging.

Photovoltaics.

Flexible lighting.

Flexible displays.

Wearables and IoT.

Healthcare wearable monitoring.

Smart textiles.

A large variety of conductive inks have been developed such as metal nanoparticle inks, metal precursor inks, carbon nanotube inks, graphene inks, conductive polymer inks etc. Copper and silver inks will continue to dominate the market for the next few years but growth in flexible electronics necessitates the development of new materials.

Report contents include:

Conductive inks market forecasts to 2031.

In depth assessment of conductive ink types including properties, advantages, disadvantages, prospects, applications and revenues.

Opportunity assessment by application and market including photovoltaics, touch screens, flexible displays, automotive, 3D printing, sensors, printed circuit boards, electronic textiles and wearables, RFID, printed memory and transistors, printed heaters, conductive pens etc.

142 company profiles. Companies profiled include Agfa-Gevaert N.V., Asahi Kasei, Bando Chemical Industries, BotFactory, Daicel Corporation, DuPont Advanced Materials, Electroninks, Fujikura Kasei Co Ltd., Genes 'Ink, Henkel, Hitachi Chemical, Kishu Giken Kogyo Co.,Ltd., Liquid X Printed Metals, Inc., Sun Chemical, T-Ink, Toyobo etc.

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