

The Global Market for Conductive Inks to 2033

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Abstracts

The Global Market for Conductive Inks to 2033 is an in-depth analysis of a key technology for markets including solar photovoltaics and printed electronics. The current global market for conductive inks is valued at >\$2.5 billion annually and will grow to around \$5 billion by 2033, driven by growth in printed, flexible, stretchable & wearable electronics markets, and sub-sectors thereof.

Conductive inks are infused with conductive materials which enable printing of electrically conductive surfaces. They are highly important for the fabrication of all forms of stretchable, flexible, and wearable electronic applications due to their role in connecting the various components of the devices. Conductive inks facilitate the production of

Flexible, stretchable and self-healing electrical circuits.

Wearable electrodes.

TCFs in touch screen panels.

In-mold electronics (IME).

3D electronics.

Electronic skin patches.

Printed heaters for textiles, automotive and buildings.

Range of printed sensors (bio, pressure, capacitive, strain).

RFID antennas and smart packaging.

EMI shielding.

Flexible hybrid electronics (FHE).

Solar photovoltaics.

Report contents include:

Analysis of conductive ink types including:

Silver flake.

Silver nanoparticles.

Silver nanowires.

Particle-free conductive ink.

Copper ink.

Gold ink.

Carbon nanomaterial ink including carbon nanotubes and graphene.

Stretchable/thermoformable inks.

Conductive polymer inks.

Liquid metals.

Siloxane.

Novel bio-based inks.

Key markets and opportunities in conductive inks.

Market trends and key challenges.

Analysis of key players in conductive inks.

Comparative analysis of conductive inks.

Roadmaps and current commercial status for conductive inks, by type.

End users market analysis including all applications and revenues.

Pricing for conductive inks, by type.

Global revenues by conductive ink types and end markets. Historical data and forecast to 2033.

Profiles for companies, including company analysis, products and target markets. Companies profiled include C3Nano, Cambrios Advanced Materials, Copprint, Electroninks, Liquid X, SoFab Inks, LLC, UES, and Voltera.

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