

Ink Market Size, Share and Growth Analysis Report - Forecast Trends and Outlook (2025-2034)

Market Report | 2025-08-13 | 157 pages | EMR Inc.

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Report description:

The global ink market reached a value of nearly USD 23.13 Billion in 2024 . The market is assessed to grow at a CAGR of 2.90% during the forecast period of 2025-2034 to attain a value of around USD 30.78 Billion by 2034 . The expansion of the packaging sector, the rising adoption of environmentally friendly inks, the robust growth of the e-commerce sector, the surging demand for security and UV-curable inks, technological advancements and innovations, and the rising preference for water-based inks.

Global Ink Market Growth

The increasing adoption of UV curable inks in high-speed printing environments such as packaging items and creating labels is surging the ink market revenue. Due to the fast drying times of UV curable inks, they are used to print high-quality digital images on personalised items such as phone cases, glass bottles , and golf balls, among others.

There is a rising demand for security inks that ensure the integrity of items such as checks, banknotes, certificates, identity cards, and passports, requiring confidentiality and high privacy. The growing focus on brand protection against fraudulent claims, diversion, retail theft, and counterfeiting is driving the ink demand growth.

With the growing popularity of 3D printing in different end-use sectors such as automotive, electronics, and healthcare, the demand for specialised inks like biocompatible inks and conductive inks is surging. In the forecast period, advancements in 3D printing technology and its growing affordability are expected to drive the market. In the forecast period, the development of smart inks is anticipated to create lucrative opportunities for functional 3D printing.

Key Trends and Recent Developments

Growing demand for packaging materials; increasing popularity of digital printing; rising demand for sustainable inks; and

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technological advancements and innovations are favouring the ink market expansion.

May 2024

DuPont announced the launch of its PN 1000 ink series, a set of low viscosity water-based pigment inkjet inks for commercial printing. The ink, with high optical density on various paper substrates, exceptional durability, reliable jetting sustainability, and excellent image quality, is ideal for direct mail, books, and transactional printing applications.

June 2023

Sun Chemical announced the launch of Xennia Amethyst Evo RC, its new generation of reactive printing inks for industrial textile printers. The high-quality and consistent ink, including an extended range of colours with the addition of Premium Black and Light Black, is formulated to enable more efficient production in fashion and home textile applications.

December 2022

Siegwerk introduced SICURA Litho Pack, a new UV offset ink series for the EMEA market aimed at non-food applications made from board, paper, and plastic substrates. The new low odour UV ink series boasts high versatility, good flowability, excellent adhesion properties, and exceptional deinking properties.

May 2022

Siegwerk launched a new generation of NC inks for flexible packaging applications. The ink series, with enhanced flexibility and versatility, is designed for gravure and flexo printing of all kinds of flexible packaging.

Growing Demand for Packaging Materials

The growing demand for flexible packaging solutions in the food and beverage sector and the robust growth of the e-commerce sector are boosting the ink market revenue. The rising demand for personalised and customised packaging is further surging the usage of high-quality inks for durable and vibrant printing on different substrates like corrugated boxes, cardboard, and pouches.

Increasing Popularity of Digital Printing

Digital printing is increasingly gaining traction in different sectors like packaging and textiles as it offers rapid production, cost-saving benefits, ease of customisation, predictable costs, and flexibility while reducing the need for an expansive set-up. This is prompting ink manufacturers to develop customisable inks tailored to digital printing technologies enabling high-quality prints on different substrates.

Rising Demand for Sustainable Inks

Traditional inks contain chemicals released into the atmosphere during printing and their production consumes significant resources and contributes to pollution. This is surging the popularity of biodegradable vegetable-based, soy-based, and water-based inks due to their lower VOC emissions and reduced environmental impact.

Technological Advancements and Innovations

Technological advancements and innovations aimed at improving print efficiency and performance, producing sharper images and

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finer details, and enabling smoother ink transfer are revolutionising the market. Key players are also deploying nanoparticles in ink formulations to improve print quality, surge durability, and enhance the colour brightness of inks for use in different applications, ranging from packaging to high-end commercial printing.

Global Ink Market Trends

The development of eco-friendly inks that replace petrochemical ingredients with renewable and clean ingredients without compromising performance is aiding the ink market. With the increasing demand for non-toxic and non-hazardous inks in sectors such as toys and cosmetics, the demand for eco-friendly inks that do not pose health risks is rising.

The integration of artificial intelligence (AI) and machine learning (ML) in manufacturing inks with better quality control and formulations is driving the market. AI has the potential to optimise ink performance while automating tasks such as demand forecasting and inventory management to optimise supply chain performance.

Global Ink Industry Segmentation

The EMR's report titled "Global Ink Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

Market Breakup by Technology

- Lithographic
- Flexographic
- Gravure
- Digital
- Letterpress
- Others

Market Breakup by Ink Type

- Oil Based
- Solvent Based
- Water Based

Market Breakup by Application

- Label and Packaging
- Commercial Printing
- Publications
- Others

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America

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- Middle East and Africa

Global Ink Market Share

As per the ink market analysis, the demand for water-based inks has been growing significantly, driven by a combination of environmental concerns, regulatory pressures, and technological advancements. Water-based inks emit lower levels of volatile organic compounds (VOCs) as compared to solvent-based inks, making them more environmentally friendly and safer for workers.

Oil based inks, made with oils like mineral oil or vegetable oil as well as pigments, are renowned for their high gloss, rich colour, and durability. Meanwhile, solvent based inks, due to their superior adhesion to difficult surfaces, are used in gravure and flexographic printing for packaging materials, signs, and labels.

Competitive Landscape

Key ink market players are developing UV-curable and bio-based inks, which can cure or harden when exposed to UV light, amid the growing trend of sustainability. They are also offering high-performance inks with improved scratch resistance, enhanced durability, and increased weather resistance for use in applications such as labels, automotive printing, and outdoor signage.

ALTANA

ALTANA, headquartered in Wesel, Germany, is a global leader in speciality chemicals. It is engaged in developing advanced solutions, technologies, and products. With 64 production facilities and 68 service and research laboratories, the company serves various sectors, including cosmetics, printing and packaging, and electric and electronic sectors.

Dow

Dow, established in 1897 and headquartered in Michigan, United States, is a leading material science company that serves sectors such as consumer goods, mobility, infrastructure, and packaging, among others. With manufacturing sites across 31 countries, the company delivered sales of nearly USD 45 billion in 2023.

Sun Chemical

Sun Chemical, headquartered in New Jersey, United States, is a leading producer of graphic and packaging solutions. With its history dating back to the 1800s, the company boasts 17 research and development centres worldwide and is engaged in the development of sustainable solutions.

Central Ink Corporation

Central Ink Corporation is an American ink manufacturer that was established in 1933. The company is engaged in manufacturing high-quality low-cost inks and services. It is headquartered in California, United States.

Other key players in the ink market include Akzo Nobel N.V., Flint Group, and others.

More Insights On:

Non-Conductive Inks Market Conductive Inks Market Mexico Ink Market

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Table of Contents:

- 1 Executive Summary
 - 1.1 Market Size 2024-2025
 - 1.2 Market Growth 2025(F)-2034(F)
 - 1.3 Key Demand Drivers
 - 1.4 Key Players and Competitive Structure
 - 1.5 Industry Best Practices
 - 1.6 Recent Trends and Developments
 - 1.7 Industry Outlook
- 2 Market Overview and Stakeholder Insights
 - 2.1 Market Trends
 - 2.2 Key Verticals
 - 2.3 Key Regions
 - 2.4 Supplier Power
 - 2.5 Buyer Power
 - 2.6 Key Market Opportunities and Risks
 - 2.7 Key Initiatives by Stakeholders
- 3 Economic Summary
 - 3.1 GDP Outlook
 - 3.2 GDP Per Capita Growth
 - 3.3 Inflation Trends
 - 3.4 Democracy Index
 - 3.5 Gross Public Debt Ratios
 - 3.6 Balance of Payment (BoP) Position
 - 3.7 Population Outlook
 - 3.8 Urbanisation Trends
- 4 Country Risk Profiles
 - 4.1 Country Risk
 - 4.2 Business Climate
- 5 Global Ink Market Analysis
 - 5.1 Key Industry Highlights
 - 5.2 Global Ink Historical Market (2018-2024)
 - 5.3 Global Ink Market Forecast (2025-2034)
 - 5.4 Global Ink Market by Technology
 - 5.4.1 Lithographic
 - 5.4.1.1 Historical Trend (2018-2024)
 - 5.4.1.2 Forecast Trend (2025-2034)
 - 5.4.2 Flexographic
 - 5.4.2.1 Historical Trend (2018-2024)
 - 5.4.2.2 Forecast Trend (2025-2034)
 - 5.4.3 Gravure

- 5.4.3.1 Historical Trend (2018-2024)
- 5.4.3.2 Forecast Trend (2025-2034)
- 5.4.4 Digital
 - 5.4.4.1 Historical Trend (2018-2024)
 - 5.4.4.2 Forecast Trend (2025-2034)
- 5.4.5 Letterpress
 - 5.4.5.1 Historical Trend (2018-2024)
 - 5.4.5.2 Forecast Trend (2025-2034)
- 5.4.6 Others
- 5.5 Global Ink Market by Ink Type
 - 5.5.1 Oil Based
 - 5.5.1.1 Historical Trend (2018-2024)
 - 5.5.1.2 Forecast Trend (2025-2034)
 - 5.5.2 Solvent Based
 - 5.5.2.1 Historical Trend (2018-2024)
 - 5.5.2.2 Forecast Trend (2025-2034)
 - 5.5.3 Water Based
 - 5.5.3.1 Historical Trend (2018-2024)
 - 5.5.3.2 Forecast Trend (2025-2034)
- 5.6 Global Ink Market by Application
 - 5.6.1 Label and Packaging
 - 5.6.1.1 Historical Trend (2018-2024)
 - 5.6.1.2 Forecast Trend (2025-2034)
 - 5.6.2 Commercial Printing
 - 5.6.2.1 Historical Trend (2018-2024)
 - 5.6.2.2 Forecast Trend (2025-2034)
 - 5.6.3 Publications
 - 5.6.3.1 Historical Trend (2018-2024)
 - 5.6.3.2 Forecast Trend (2025-2034)
 - 5.6.4 Others
- 5.7 Global Ink Market by Region
 - 5.7.1 North America
 - 5.7.1.1 Historical Trend (2018-2024)
 - 5.7.1.2 Forecast Trend (2025-2034)
 - 5.7.2 Europe
 - 5.7.2.1 Historical Trend (2018-2024)
 - 5.7.2.2 Forecast Trend (2025-2034)
 - 5.7.3 Asia Pacific
 - 5.7.3.1 Historical Trend (2018-2024)
 - 5.7.3.2 Forecast Trend (2025-2034)
 - 5.7.4 Latin America
 - 5.7.4.1 Historical Trend (2018-2024)
 - 5.7.4.2 Forecast Trend (2025-2034)
 - 5.7.5 Middle East and Africa
 - 5.7.5.1 Historical Trend (2018-2024)
 - 5.7.5.2 Forecast Trend (2025-2034)
- 6 North America Ink Market Analysis

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- 6.1 United States of America
 - 6.1.1 Historical Trend (2018-2024)
 - 6.1.2 Forecast Trend (2025-2034)
- 6.2 Canada
 - 6.2.1 Historical Trend (2018-2024)
 - 6.2.2 Forecast Trend (2025-2034)
- 7 Europe Ink Market Analysis
 - 7.1 United Kingdom
 - 7.1.1 Historical Trend (2018-2024)
 - 7.1.2 Forecast Trend (2025-2034)
 - 7.2 Germany
 - 7.2.1 Historical Trend (2018-2024)
 - 7.2.2 Forecast Trend (2025-2034)
 - 7.3 France
 - 7.3.1 Historical Trend (2018-2024)
 - 7.3.2 Forecast Trend (2025-2034)
 - 7.4 Italy
 - 7.4.1 Historical Trend (2018-2024)
 - 7.4.2 Forecast Trend (2025-2034)
 - 7.5 Others
- 8 Asia Pacific Ink Market Analysis
 - 8.1 China
 - 8.1.1 Historical Trend (2018-2024)
 - 8.1.2 Forecast Trend (2025-2034)
 - 8.2 Japan
 - 8.2.1 Historical Trend (2018-2024)
 - 8.2.2 Forecast Trend (2025-2034)
 - 8.3 India
 - 8.3.1 Historical Trend (2018-2024)
 - 8.3.2 Forecast Trend (2025-2034)
 - 8.4 ASEAN
 - 8.4.1 Historical Trend (2018-2024)
 - 8.4.2 Forecast Trend (2025-2034)
 - 8.5 Australia
 - 8.5.1 Historical Trend (2018-2024)
 - 8.5.2 Forecast Trend (2025-2034)
 - 8.6 Others
- 9 Latin America Ink Market Analysis
 - 9.1 Brazil
 - 9.1.1 Historical Trend (2018-2024)
 - 9.1.2 Forecast Trend (2025-2034)
 - 9.2 Argentina
 - 9.2.1 Historical Trend (2018-2024)
 - 9.2.2 Forecast Trend (2025-2034)
 - 9.3 Mexico
 - 9.3.1 Historical Trend (2018-2024)
 - 9.3.2 Forecast Trend (2025-2034)

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- 9.4 Others
- 10 Middle East and Africa Ink Market Analysis
 - 10.1 Saudi Arabia
 - 10.1.1 Historical Trend (2018-2024)
 - 10.1.2 Forecast Trend (2025-2034)
 - 10.2 United Arab Emirates
 - 10.2.1 Historical Trend (2018-2024)
 - 10.2.2 Forecast Trend (2025-2034)
 - 10.3 Nigeria
 - 10.3.1 Historical Trend (2018-2024)
 - 10.3.2 Forecast Trend (2025-2034)
 - 10.4 South Africa
 - 10.4.1 Historical Trend (2018-2024)
 - 10.4.2 Forecast Trend (2025-2034)
 - 10.5 Others
- 11 Market Dynamics
 - 11.1 SWOT Analysis
 - 11.1.1 Strengths
 - 11.1.2 Weaknesses
 - 11.1.3 Opportunities
 - 11.1.4 Threats
 - 11.2 Porter's Five Forces Analysis
 - 11.2.1 Supplier's Power
 - 11.2.2 Buyer's Power
 - 11.2.3 Threat of New Entrants
 - 11.2.4 Degree of Rivalry
 - 11.2.5 Threat of Substitutes
 - 11.3 Key Indicators for Demand
 - 11.4 Key Indicators for Price
- 12 Value Chain Analysis
- 13 Manufacturing Process
 - 13.1 Detailed Process Flow
 - 13.2 Operations Involved
 - 13.3 Mass Balance
- 14 Project Requirements and Costs Involved
 - 14.1 Land Requirements and Expenditures
 - 14.2 Construction Requirements and Expenditures
 - 14.3 Plant Machinery
 - 14.4 Machinery Pictures
 - 14.5 Raw Material Requirements and Expenditures
 - 14.6 Raw Material and Final Product Pictures
 - 14.7 Packaging Requirements and Expenditures
 - 14.8 Transportation Requirements and Expenditures
 - 14.9 Utility Requirements and Expenditures
 - 14.10 Manpower Requirements and Expenditures
 - 14.11 Other Capital Investments
- 15 Loans and Financial Assistance

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- 16 Project Economics
 - 16.1 Capital Cost of the Project
 - 16.2 Techno-Economic Parameters
 - 16.3 Product Pricing and Margins
 - 16.4 Taxation and Depreciation
 - 16.5 Income Projections
 - 16.6 Expenditure Projections
 - 16.7 Financial Analysis
 - 16.8 Profit Analysis
- 17 Competitive Landscape
 - 17.1 Supplier Selection
 - 17.2 Key Global Players
 - 17.3 Key Regional Players
 - 17.4 Key Player Strategies
 - 17.5 Company Profiles
 - 17.5.1 ALTANA
 - 17.5.1.1 Company Overview
 - 17.5.1.2 Product Portfolio
 - 17.5.1.3 Demographic Reach and Achievements
 - 17.5.1.4 Certifications
 - 17.5.2 Dow
 - 17.5.2.1 Company Overview
 - 17.5.2.2 Product Portfolio
 - 17.5.2.3 Demographic Reach and Achievements
 - 17.5.2.4 Certifications
 - 17.5.3 Sun Chemical
 - 17.5.3.1 Company Overview
 - 17.5.3.2 Product Portfolio
 - 17.5.3.3 Demographic Reach and Achievements
 - 17.5.3.4 Certifications
 - 17.5.4 Central Ink Corporation
 - 17.5.4.1 Company Overview
 - 17.5.4.2 Product Portfolio
 - 17.5.4.3 Demographic Reach and Achievements
 - 17.5.4.4 Certifications
 - 17.5.5 Flint Group
 - 17.5.5.1 Company Overview
 - 17.5.5.2 Product Portfolio
 - 17.5.5.3 Demographic Reach and Achievements
 - 17.5.5.4 Certifications
 - 17.5.6 Akzo Nobel N.V.
 - 17.5.6.1 Company Overview
 - 17.5.6.2 Product Portfolio
 - 17.5.6.3 Demographic Reach and Achievements
 - 17.5.6.4 Certifications
 - 17.5.7 Others

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