

# Thermal Paper Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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## Abstracts

The global thermal paper market size reached US\$ 4.1 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 5.6 Billion by 2028, exhibiting a growth rate (CAGR) of 5.3% during 2022-2028. The increasing use of point-of-sale (POS) systems, the growing trends of ordering food online, and the bolstering growth of the e-commerce and healthcare industries represent some of the key factors driving the market.

Thermal paper, or audit roll, is a specialty paper that is coated with a mixture of bisphenol A (BPA) and developer chemicals that reacts to heat, causing the paper to darken on heat exposure. The printer heats tiny dots on the paper to create a sharp, clear image or text resistant to smudging and fading. Thermal paper is widely used in lightweight devices, such as point-of-sale (POS) systems, casinos, fax, credit card terminals, cash registers, kiosks, pay-at-the-pump, and mobile printers for printing receipts, tickets, and labels. It is marketed in a variety of sizes, colors, and thicknesses, depending on the application. Thermal paper is also available in water-resistant or fade-resistant variants, making it ideal for outdoor use or long-term storage.

Thermal Paper Market Trends:

The widespread adoption of point-of-sale (POS) systems across the thriving retail sector represents the primary factor driving the market growth. In line with this, increasing product utilization in grocery stores, shopping malls, gas stations, catering, gaming arenas, lottery systems, coffee shops, and bakery stores for printing labels, tickets, and receipts is creating a favorable outlook for the market. Moreover, the growing demand for online food-ordering services due to hectic lifestyles, changing dietary habits, and the inflating disposable income of individuals is strengthening the market growth. Concurrent with this, the large-scale product employment across the flourishing e-commerce industry for printing shipping labels and other thermal paper products used in the logistics sector is presenting remunerative growth opportunities for the market.

Besides this, the surging product demand from the expanding healthcare industry for printing patient identification wristbands, prescription labels, and other medical records is contributing to the market growth. In addition to this, the implementation of favorable government regulations mandating the use of bisphenol A (BPA) free thermal paper is acting as another significant growth-inducing factor. Furthermore, innovative advancements in thermal printing technology, allowing printers to generate higher-quality prints at faster speeds, are fuelling the demand for thermal papers. Other factors, including the widespread product utilization in portable POS machines to issue parking tickets, significant growth in the e-commerce industry, and enhanced research and development (R&D) activities to develop advanced thermal printing technologies that use lower levels of heat, are supporting the market growth.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global thermal paper market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on technology and application.

#### Technology Insights:

Direct Thermal

Thermal Transfer

The report has provided a detailed breakup and analysis of the thermal paper market based on the technology. This includes direct thermal and thermal transfer. According to the report, direct thermal represented the largest segment.

#### Application Insights:

Point of Sale (PoS)

Lottery and Gaming

Tags and Labels

Others

A detailed breakup and analysis of the thermal paper market based on the application has also been provided in the report. This includes point of sale (PoS), lottery and gaming, tags and labels, and others. According to the report, point of sale (PoS) accounted for the largest market share.

#### Regional Insights:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea  
Australia  
Indonesia  
Others  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, Asia Pacific was the largest market for thermal paper. Some of the factors driving the Asia Pacific thermal paper market included the increasing adoption of point of sale (POS) systems across the retail sector, the bolstering growth of the e-commerce sector, and innovative technological advancements in the industry.

#### Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global thermal paper market. Competitive analysis such as market structure, market share by key players, player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided. Some of the companies covered include Appvion Operations Inc, Gold Huasheng Paper Co. Ltd., Hansol Paper Ltd., Henan JiangHE Paper Co. Ltd, Jujo Thermal Ltd. (Nippon Paper Industries Co. Ltd), Koehler Group, Lecta Group, Mitsubishi Paper Mills Limited, Nakagawa Manufacturing Inc., Oji Holdings Corporation, Ricoh Company Ltd. and Thermal Solutions International Inc. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

#### Key Questions Answered in This Report

1. What was the size of the global thermal paper market in 2022?
2. What is the expected growth rate of the global thermal paper market during 2023-2028?
3. What are the key factors driving the global thermal paper market?
4. What has been the impact of COVID-19 on the global thermal paper market?
5. What is the breakup of the global thermal paper market based on the technology?
6. What is the breakup of the global thermal paper market based on the application?
7. What are the key regions in the global thermal paper market?
8. Who are the key players/companies in the global thermal paper market?

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