

# Global Thick Copper Substrate Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

Thick copper substrate refers to a type of printed circuit board (PCB) that has a copper layer with a thickness greater than the standard 1 oz (35  $\mu\text{m}$ ) typically used in PCB manufacturing. Thick copper substrates are commonly used in applications that require high current carrying capacity, high thermal conductivity, and improved mechanical strength. The copper layer in thick copper substrates can range from 2 oz (70  $\mu\text{m}$ ) to 20 oz (700  $\mu\text{m}$ ) or more, depending on the specific requirements of the application. These substrates are often used in power electronics, automotive, aerospace, and other high-power applications where standard PCBs may not be able to meet the required specifications.

According to our (Global Info Research) latest study, the global Thick Copper Substrate market size was valued at US\$ million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of %during review period.

Thick copper substrates are used in a variety of industries, including automotive, aerospace, and power electronics. These substrates are known for their high thermal conductivity, excellent electrical performance, and durability. The global market for thick copper substrates is expected to grow steadily in the coming years, driven by the increasing demand for high-performance electronic devices and the growing adoption of electric vehicles.

One of the key drivers of the thick copper substrate market is the increasing demand for power electronics in various industries. Power electronics are used in a wide range of applications, including renewable energy systems, electric vehicles, and industrial automation. Thick copper substrates are essential components in power electronics, as

they provide the necessary thermal management and electrical conductivity for these devices to function efficiently.

Another factor driving the growth of the thick copper substrate market is the increasing adoption of electric vehicles. Electric vehicles require high-performance power electronics to operate, and thick copper substrates play a crucial role in ensuring the reliability and efficiency of these systems. As the demand for electric vehicles continues to rise, the market for thick copper substrates is expected to expand significantly.

In terms of regional analysis, Asia Pacific is expected to dominate the thick copper substrate market, driven by the presence of key manufacturers in countries like China, Japan, and South Korea. These countries are major producers of electronic devices and automotive components, creating a strong demand for thick copper substrates in the region. North America and Europe are also significant markets for thick copper substrates, with a growing focus on renewable energy and electric vehicles driving the demand for high-performance electronic components.

This report is a detailed and comprehensive analysis for global Thick Copper Substrate market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2024, are provided.

#### Key Features:

Global Thick Copper Substrate market size and forecasts, in consumption value (\$ Million), sales quantity (Sq m), and average selling prices (US\$/Sq m), 2019-2030

Global Thick Copper Substrate market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Sq m), and average selling prices (US\$/Sq m), 2019-2030

Global Thick Copper Substrate market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Sq m), and average selling prices (US\$/Sq m), 2019-2030

Global Thick Copper Substrate market shares of main players, shipments in revenue (\$

Million), sales quantity (Sq m), and ASP (US\$/Sq m), 2019-2024

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Thick Copper Substrate

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Thick Copper Substrate market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Remtec, Inc., Stellar Industries Corp., PCBMay, CERcuits, TONG HSING ELECTRONIC IND., LTD, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## Market Segmentation

Thick Copper Substrate market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Copper Clad Laminate (CCL)

Copper Base Board

### Market segment by Application

Automotive

Power Electronics

Aerospace

Others

Major players covered

Remtec, Inc.

Stellar Industries Corp.

PCBMay

CERcuits

TONG HSING ELECTRONIC IND., LTD

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Thick Copper Substrate product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Thick Copper Substrate, with price, sales

quantity, revenue, and global market share of Thick Copper Substrate from 2019 to 2024.

Chapter 3, the Thick Copper Substrate competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Thick Copper Substrate breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2019 to 2024. and Thick Copper Substrate market forecast, by regions, by Type, and by Application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Thick Copper Substrate.

Chapter 14 and 15, to describe Thick Copper Substrate sales channel, distributors, customers, research findings and conclusion.

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