

Global Conformal Coating Market Size study, by Type (Acrylic, Silicone, Epoxy, Urethane, Parylene), by End-Use (Consumer electronics, Automotive, Aerospace & Defense, Industrial, Telecommunication), and Regional Forecasts 2021-2027

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Abstracts

Global conformal coating market is valued approximately at USD 0.8 billion in 2020 and is anticipated to grow with a healthy growth rate of about 6.0% over the forecast period 2021-2027. Conformal coating refers to the thin polymeric film which conforms to printed circuit board contours to provide protection to its components and electronic circuitry from dust, moisture, chemicals, and extreme temperature conditions. These coatings are breathable which allows trapped moisture in the electronic board to escape and maintains protection from contamination. The global conformal coating market is being driven by growing base of the PCB manufacturing and large-scale demand for conformal coating from the automotive industry. Furthermore, technological advancements in end-use industries will provide new opportunities for the global conformal coating industry. Also, growth in the consumer electronics sector will increase the demand for conformal coating for use in PCBs. As per Statista, the global consumer electronics projected market volume is expected to increase from an estimated value of USD 462.6 billion in 2021 to USD 547.1 billion by 2025. This is likely to fuel the market growth by increasing the adoption of conformal coatings. However, expensive replacement and repair of conformal coatings in case of damage may impede market growth over the forecast period of 2021-2027.

The regional analysis of the global conformal coating is considered for the key regions such as Asia Pacific, North America, Europe, Latin America, and Rest of the World. Asia Pacific accounts for the largest share in terms of market revenue in the global market and is anticipated to exhibit the highest growth rate over the forecast period

2021-2027. Factors such as increasing base of PCB manufacturing in countries including Taiwan, China, Japan and South Korea contributes towards the largest market share of Asia Pacific region. Also, rise in the consumer electronics and automotive manufacturing sector in countries such as India is expected to fuel the demand for conformal coating in the Asia Pacific region in the forecast years.

Major market player included in this report are:

Henkel AG

Illinois Tool Works

Shin-Etsu Chemical Co. Ltd.

Dow

H.B. Fuller

Chase Corporation

Electrolube

Dymax Corporation

MG Chemicals

Specialty Coating Systems

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Acrylic

Silicone

Epoxy

Urethane

Parylene

By End-Use:

Consumer electronics

Automotive

Aerospace & Defense

Industrial

Telecommunication

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027.

Target Audience of the Global Conformal Coating Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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