

# Thin Film Coating Market: Trends, Opportunities and Competitive Analysis

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## Abstracts

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### Thin Film Coating Market Trends and Forecast

The future of the global thin film coating market looks promising with opportunities in consumer electronics, tools & equipment, automotive, aerospace & defense, energy, and medical. The global thin film coating market is expected to reach an estimated \$22.8 billion by 2027 and it is forecast to grow at a CAGR of 6.9% from 2021 to 2027. The major growth drivers for this market are increasing demand for thin film coating in end use industries due to superior functional properties and performance benefits. The rise in demand from consumer electronics, and energy industries which increases market for thin film coatings in the Asia-Pacific, European, and North American regions. Rise in demand for thin film coating in automotive engine components is projected to drive the global thin film coating market.

### Emerging Trends in the Thin Film Coating Market

Emerging trends, which have a direct impact on the dynamics of the thin film coatings industry, include use of thin film coating for making flexible displays. Indium tin oxide (ITO) is almost exclusively used in transparent conductive coatings for high resolution display because of its two important properties, electrical conductivity and optical transparency.

A total of 113 figures / charts and 86 tables are provided in this 200 -page report to help in your business decisions. Sample figures with some insights are shown below. To

learn the scope of, benefits, companies researched and other details of this thin film coating market report download the report brochure.

### Thin Film Coating Market by Segment

The study includes a forecast for the global thin film coating market by end use industry, coating type, coating technique, coating material, and region, as follows:

#### By End Use Industry [Value (\$B) shipment analysis for 2016 – 2027]

Consumer Electronics

Tools & Equipment

Automotive

Aerospace & Defense

Energy

Medical

Others

#### By Coating Type [Value \$B shipment analysis for 2016 – 2027]

Anti-reflective & High-reflective Coating

Transparent Conductive Coating

Diamond Like Carbon Coating

Others

#### By Coating Technique [\$B shipment analysis for 2016 – 2027]

Physical Vapor Deposition (PVD)

Chemical Vapor Deposition (CVD)

Others

By Coating Material [\$B shipment analysis for 2016 – 2027]

Metal

Ceramic

By Region[\$B shipment analysis for 2016 – 2027]

North America

- o United States

- o Canada

- o Mexico

Europe

- o Italy

- o Germany

- o France

- o United Kingdom

Asia Pacific

- o China

- o India

- o South Korea

- o Japan

- The Rest of the World

- o MENA

- o Brazil

#### List of Thin Film Coating Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies thin film coating companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the thin film coating companies profiled in this report includes.

- Oerlikon

- Materion

- Ionbond

- Hind High Vacuum Company Pvt. Ltd.

- Richter Precision Inc.

- Micro Point Pro Ltd.

- CemeCon

- Reynard Corporation

Newport Thin Film Lab

Intlvac Thin Film

## Thin Film Coating Market Insight

Lucintel forecasts that consumer electronics is expected to remain the largest end use industry. Aerospace & Defense is expected to witness the highest growth over the forecast period due to growing commercial aircraft production and strong defense spending in the North American region drove the demand for thin film coating.

AR & HR coating will remain the largest coating type over the forecast period. Lucintel predicts that the transparent conductive coating type is expected to witness the highest growth over the forecast period supported by increase in demand of transparent conductive coatings in various applications such as smart devices, tablets, laptops, photovoltaics, OLEDs, and others.

APAC is expected to remain the largest region and and witness the highest growth over the forecast period due to rising demand for thin film coating in the consumer electronics, tools & equipment, automotive, aerospace & defense, energy industries.

## Features of Thin Film Coating Market

**Market Size Estimates:** Thin film coating market size estimation in terms of value (\$B) shipment.

**Trend and Forecast Analysis:** Market trend (2016-2021) and forecast (2022-2027) by application, and end use industry.

**Segmentation Analysis:** Thin film coating market size by various applications such as end use industry, coating type, coating technique, and coating material in terms of value and volume shipment.

**Regional Analysis:** Thin film coating market breakdown by North America,

Europe, Asia Pacific, and the Rest of the World.

**Growth Opportunities:** Analysis on growth opportunities in different applications and regions of thin film coating in the thin film coating market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape of thin film coating in the thin film coating market.

**Analysis of competitive intensity of the industry based on Porter's Five Forces model.**

## FAQ

Q1. What is the thin film coating market size?

Answer: The global thin film coating market is expected to reach an estimated \$22.8 billion by 2027

Q2. What is the growth forecast for thin film coating market?

Answer: The thin film coating market is expected to grow at a CAGR of 6.9% from 2021 to 2027.

Q3. What are the major drivers influencing the growth of the thin film coating market?

Answer: The major drivers for this market are increasing demand for thin film coating in consumer electronics for high resolution display and other end use industries due to its superior functional properties and performance benefits.

Q4. What are the major applications or end use industries for thin film coating?

Answer: consumer electronics is the major end use industries for thin film coating market.

Q5. What are the emerging trends in thin film coating market?

Answer: Emerging trends, which have a direct impact on the dynamics of the thin film coatings industry, include use of thin film coating for making flexible displays. Indium tin

oxide (ITO) is almost exclusively used in transparent conductive coatings for high resolution display because of its two important properties, electrical conductivity and optical transparency.

Q6. Who are the key thin film coating companies?

Answer: Some of the key thin film coating companies are as follows:

Oerlikon

Materion

Ionbond

Hind High Vacuum Company Pvt. Ltd.

Richter Precision Inc.

Micro Point Pro Ltd.

CemeCon

Reynard Corporation

Newport Thin Film Lab

Intlvac Thin Film

Q7. Which thin film coating product segment will be the largest in future?

Answer: Lucintel forecasts that transparent conductive coating and AR & HR coating segments are expected to show above average growth during the forecast period due to its increasing usage in end use industries like consumer electronics, automotive, aerospace & defense, and energy.

Q8. In thin film coating market, which region is expected to be the largest in next 5 years?

Answer:Asia Pacific is expected to remain the largest region and witness the highest growth over next 5 years

Q9. Do we receive customization in this report?

Answer:Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1. What are some of the most promising, high-growth opportunities for the thin film coating market by end use industry (consumer electronics, tools & equipment, automotive, aerospace & defense, energy, medical, and others), coating type (AR & HR coating, transparent conductive coating, DLC coating, and others), coating technique (PVD, CVD, and others), coating material (metal, and ceramic), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been



on the industry?

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7.7: CemeCon

7.8: Reynard Corporation

7.9: Newport Thin Film Lab

7.10: Intlvac Thin Film

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