

Sputter Coatings Market, Opportunity, Growth Drivers, Industry Trend Analysis and Forecast, 2024-2032

Market Report | 2024-08-19 | 300 pages | Global Market Insights

AVAILABLE LICENSES:

- Single User \$4850.00
- Multi User \$5350.00
- Enterprise User \$8350.00

Report description:

The Global Sputter Coatings Market was valued at approximately USD 707 million in 2023 and is projected to grow at a CAGR of over 5.2% from 2024 to 2032, driven by rising demand across various industries.

The booming electronics manufacturing sector, especially in semiconductors and display technologies, significantly drives this market. Advancements in automotive and aerospace technologies also increase the demand for high-performance coatings that enhance durability and performance. The expanding consumer electronics market and the focus on advanced materials across sectors further propel this market's growth.

Technological innovations in sputtering, such as new material developments and refined coating processes, play a pivotal role in this market's expansion. The Asia Pacific region leads due to its swift industrialization and tech advancements. North America and Europe remain key players, bolstered by their established industrial bases and emphasis on high-tech applications. As industries evolve and the demand for specialized coatings rises, the sputter coatings sector is set for sustained growth and innovation.

The overall sputter coatings industry is segmented based on substrate, application, sputter coatings, and region.

In 2023, the metal substrate segment led with a market share of USD 214 million, and projections indicate it could surpass USD 342 million by 2032. Metal substrates are utilized for high-performance coatings that boost durability, conductivity, and aesthetics. This segment's growth is further fueled by technological advancements in sputtering, leading to coatings with enhanced properties like increased hardness and corrosion resistance. The ongoing trend of miniaturizing electronic components and the demand for premium finishes in automotive parts amplify the metal substrate segment's growth. As industries prioritize enhanced performance and reliability, the adoption of metal substrates in sputter coatings is set to surge.

In 2023, electronics claimed 36% of the market share and is anticipated to continue its upward trajectory through 2032, driven by the surging demand for cutting-edge electronic devices. With technological advancements, the need for sputter coatings that bolster electronic product performance and reliability intensifies. These coatings are vital in semiconductor device fabrication, integrated circuits, and other electronic components, offering properties like enhanced conductivity and wear resistance.

Asia Pacific led the sputter coatings market in 2023, generating a revenue of USD 264 million, with projections reaching USD 420 million by 2032. The region's dominance stems from its strong industrial foundation and notable technological strides across

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

various sectors. Rapid industrialization, especially in electronics, automotive, and renewable energy, fuels the demand for sputter coatings, vital for boosting the performance and longevity of electronic components and automotive parts. Leading nations like China, Japan, and South Korea, with their advanced manufacturing prowess and robust R&D investments, are at the forefront. The region's competitive manufacturing landscape and cost-effective production capabilities further cement its leading position, allowing companies to cater to the surging global demand. Moreover, a strong emphasis on technological innovation and capacity expansion bolsters Asia Pacific market.

Table of Contents:

Report Content

Chapter 1 Methodology and Scope

1.1 Market scope and definition

1.2 Base estimates and calculations

1.3 Forecast calculation

1.4 Data sources

1.4.1 Primary

1.4.2 Data mining sources

1.4.2.1 Paid sources

1.4.2.2 Public sources

Chapter 2 Executive Summary

2.1 Industry 360° synopsis

Chapter 3 Industry Insights

3.1 Industry ecosystem analysis

3.1.1 Key manufacturers

3.1.2 Distributors

3.1.3 Profit margins across the industry

3.1.4 Supply disruption

3.2 Industry impact forces

3.2.1 Growth drivers

3.2.1.1 Automotive industry demand

3.2.1.2 Growth in electronics industry

3.2.1.3 Technological advancements

3.2.2 Market challenges

3.2.2.1 Fluctuating raw material prices

3.2.2.2 High production cost

3.2.3 Market opportunity

3.2.3.1 New opportunities

3.2.3.2 Growth potential analysis

3.3 Raw material landscape

3.3.1 Manufacturing trends

3.3.2 Technology evolution

3.4 Sustainable manufacturing

3.4.1.1 Green practices

3.4.1.2 Decarbonization

3.4.2 Sustainability in raw materials

3.5 Pricing trends (USD/Ton), 2021 to 2032

3.5.1 North America

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 3.5.2 Europe
- 3.5.3 Asia Pacific
- 3.5.4 Latin America
- 3.5.5 Middle East and Africa
- 3.6 Regulations and market impact
- 3.7 Porter's analysis
- 3.8 PESTEL analysis
- Chapter 4 Competitive Landscape, 2023
 - 4.1 Company market share analysis
 - 4.2 Competitive positioning matrix
 - 4.3 Strategic outlook matrix
- Chapter 5 Market Size and Forecast, By Substrate, 2021-2032 (USD Million, Kilo Tons)
 - 5.1 Key trends
 - 5.2 Metal
 - 5.3 Glass
 - 5.4 Ceramics
 - 5.5 Plastics
 - 5.6 Others
- Chapter 6 Market Size and Forecast, By Application, 2021-2032 (USD Million, Kilo Tons)
 - 6.1 Key trends
 - 6.2 Electronics
 - 6.3 Architectural glass
 - 6.4 Automotive
 - 6.5 Optics
 - 6.6 Others
- Chapter 7 Market Size and Forecast, By Sputter Coatings, 2021-2032 (USD Million, Kilo Tons)
 - 7.1 Key trends
 - 7.2 Metal sputter coatings
 - 7.2.1 Aluminum
 - 7.2.2 Copper
 - 7.3 Alloy sputter coatings
 - 7.3.1 Stainless steel
 - 7.3.2 Tungsten carbide
 - 7.4 Ceramic sputter coatings
 - 7.5 Compound sputter coatings
 - 7.6 Others
- Chapter 8 Market Size and Forecast, By Region, 2021-2032 (USD Million, Kilo Tons)
 - 8.1 Key trends
 - 8.2 North America
 - 8.2.1 U.S.
 - 8.2.2 Canada
 - 8.3 Europe
 - 8.3.1 Germany
 - 8.3.2 UK
 - 8.3.3 France
 - 8.3.4 Italy
 - 8.3.5 Spain

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.3.6 Rest of Europe
- 8.4 Asia Pacific
 - 8.4.1 China
 - 8.4.2 India
 - 8.4.3 Japan
 - 8.4.4 South Korea
 - 8.4.5 Australia
 - 8.4.6 Rest of Asia Pacific
- 8.5 Latin America
 - 8.5.1 Brazil
 - 8.5.2 Mexico
 - 8.5.3 Argentina
 - 8.5.4 Rest of Latin America
- 8.6 Middle East and Africa
 - 8.6.1 Saudi Arabia
 - 8.6.2 UAE
 - 8.6.3 South Africa
 - 8.6.4 Rest of Middle East and Africa
- Chapter 9 Company Profiles
 - 9.1 Materion Corporation
 - 9.2 ULVAC, Inc.
 - 9.3 JX Nippon Mining and Metal Corporation
 - 9.4 Heraeus Holding
 - 9.5 Honeywell International Inc.
 - 9.6 Umicore Group
 - 9.7 Praxair S.T. Technology, Inc.
 - 9.8 Tosoh SMD, Inc.
 - 9.9 Soleras Advanced Coatings
 - 9.10 China Rare Metal Material Co., Ltd.
 - 9.11 JIANGYIN ENTRET COATING TECHNOLOGY CO., LTD
 - 9.12 GRIKIN Advanced Materials Co., Ltd.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Sputter Coatings Market, Opportunity, Growth Drivers, Industry Trend Analysis and Forecast, 2024-2032

Market Report | 2024-08-19 | 300 pages | Global Market Insights

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User	\$4850.00
	Multi User	\$5350.00
	Enterprise User	\$8350.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-02"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

