

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Sputter Coating Market 2018, Forecast to 2023

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Abstracts

Sputter coating in scanning electron microscopy is a sputter deposition process to cover a specimen with a thin layer of conducting material, typically a metal, such as a gold/palladium (Au/Pd) alloy. A conductive coating is needed to prevent charging of a specimen with an electron beam in conventional SEM mode (high vacuum, high voltage). While metal coatings are also useful for increasing signal to noise ratio (heavy metals are good secondary electron emitters), they are of inferior quality when X-ray spectroscopy is employed. For this reason when using X-ray spectroscopy a carbon coating is preferred.

SCOPE OF THE REPORT:

This report focuses on the Sputter Coating in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. Sputter Coating demand market has a huge space, there is a large market demand for high-end products to seize market share. And Developing Countries such as China India will growth fast in the few years.

The sputter coating market is being driven by the application of coating in electronics devices and semiconductors. The restraining factor affecting the market includes high overall cost of sputter coating due to added cost of different batches during in-line production and fluctuations in raw material prices. Improving the visibility of the technology by educating customers and use of sputter coating technique implementation for other application, along with rise in demand for high quality sputter coated components in semiconductor, solar, medical and telecommunication fields are the key growth opportunities for players in the market.

Electronics and semiconductor sector represent the major application for the sputter coating technology. The sputter coating technique is profoundly used for metal deposition on silicon wafer for electronic circuit generation in semiconductor devices. The coating done by sputtering is used to improve data storage capacity of the memory devices such as CDs, DVDs, memory card, hard disk drive and to enhance the image quality of display devices used in consumer electronics such as LCDs, Smart phones, tablets, laptops, and others.

Each of the sputter coating manufacturers has its own mature sales networks. Through retail stores, their authorized distributors or their partners, major sputter coating manufacturers keep keening on expanding their sputter coating sales. To achieve better sales business, sputter coating manufacturers usually invest on their marketing channel infrastructures every year.

The worldwide market for Sputter Coating is expected to grow at a CAGR of roughly 5.1% over the next five years, will reach 7710 million US\$ in 2023, from 6010 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Materion

ULVAC

JX Nippon Mining & Metal

Heraeus

Honeywell

Umicore

Praxair

Tosoh SMD

Soleras Advanced Coatings

China Rare Metal Material

Jiangyin Entret Coating Technology

GRIKIN

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Metal and Element

Alloys

Compounds

Others

Market Segment by Applications, can be divided into

Flat Panel Display

Solar Panel

Architectural Glass

Semiconductors

Others

There are 15 Chapters to deeply display the global Sputter Coating market.

Chapter 1, to describe Sputter Coating Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Sputter Coating, with sales, revenue, and price of Sputter Coating, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Sputter Coating, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Sputter Coating market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Sputter Coating sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

Contents

1 MARKET OVERVIEW

- 1.1 Sputter Coating Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 Metal and Element
 - 1.2.2 Alloys
 - 1.2.3 Compounds
 - 1.2.4 Others
- 1.3 Market Analysis by Applications
 - 1.3.1 Flat Panel Display
 - 1.3.2 Solar Panel
 - 1.3.3 Architectural Glass
 - 1.3.4 Semiconductors
 - 1.3.5 Others
- 1.4 Market Analysis by Regions
 - 1.4.1 North America (United States, Canada and Mexico)
 - 1.4.1.1 United States Market States and Outlook (2013-2023)
 - 1.4.1.2 Canada Market States and Outlook (2013-2023)
 - 1.4.1.3 Mexico Market States and Outlook (2013-2023)
 - 1.4.2 Europe (Germany, France, UK, Russia and Italy)
 - 1.4.2.1 Germany Market States and Outlook (2013-2023)
 - 1.4.2.2 France Market States and Outlook (2013-2023)
 - 1.4.2.3 UK Market States and Outlook (2013-2023)
 - 1.4.2.4 Russia Market States and Outlook (2013-2023)
 - 1.4.2.5 Italy Market States and Outlook (2013-2023)
 - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
 - 1.4.3.1 China Market States and Outlook (2013-2023)
 - 1.4.3.2 Japan Market States and Outlook (2013-2023)
 - 1.4.3.3 Korea Market States and Outlook (2013-2023)
 - 1.4.3.4 India Market States and Outlook (2013-2023)
 - 1.4.3.5 Southeast Asia Market States and Outlook (2013-2023)
 - 1.4.4 South America, Middle East and Africa
 - 1.4.4.1 Brazil Market States and Outlook (2013-2023)
 - 1.4.4.2 Egypt Market States and Outlook (2013-2023)
 - 1.4.4.3 Saudi Arabia Market States and Outlook (2013-2023)
 - 1.4.4.4 South Africa Market States and Outlook (2013-2023)
 - 1.4.4.5 Nigeria Market States and Outlook (2013-2023)

1.5 Market Dynamics

1.5.1 Market Opportunities

1.5.2 Market Risk

1.5.3 Market Driving Force

2 MANUFACTURERS PROFILES

2.1 Materion

2.1.1 Business Overview

2.1.1.1 Materion Description

2.1.1.2 Materion Headquarter, Main Business and Finance Overview

2.1.2 Materion Sputter Coating Product Introduction

2.1.2.1 Sputter Coating Production Bases, Sales Regions and Major Competitors

2.1.2.2 Sputter Coating Product Information

2.1.3 Materion Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.1 Materion Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.2 Global Materion Sputter Coating Market Share in 2017

2.2 ULVAC

2.2.1 Business Overview

2.2.1.1 ULVAC Description

2.2.1.2 ULVAC Headquarter, Main Business and Finance Overview

2.2.2 ULVAC Sputter Coating Product Introduction

2.2.2.1 Sputter Coating Production Bases, Sales Regions and Major Competitors

2.2.2.2 Sputter Coating Product Information

2.2.3 ULVAC Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.1 ULVAC Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.2 Global ULVAC Sputter Coating Market Share in 2017

2.3 JX Nippon Mining & Metal

2.3.1 Business Overview

2.3.1.1 JX Nippon Mining & Metal Description

2.3.1.2 JX Nippon Mining & Metal Headquarter, Main Business and Finance Overview

2.3.2 JX Nippon Mining & Metal Sputter Coating Product Introduction

2.3.2.1 Sputter Coating Production Bases, Sales Regions and Major Competitors

2.3.2.2 Sputter Coating Product Information

2.3.3 JX Nippon Mining & Metal Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.1 JX Nippon Mining & Metal Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.2 Global JX Nippon Mining & Metal Sputter Coating Market Share in 2017

2.4 Heraeus

2.4.1 Business Overview

2.4.1.1 Heraeus Description

2.4.1.2 Heraeus Headquarter, Main Business and Finance Overview

2.4.2 Heraeus Sputter Coating Product Introduction

2.4.2.1 Sputter Coating Production Bases, Sales Regions and Major Competitors

2.4.2.2 Sputter Coating Product Information

2.4.3 Heraeus Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.1 Heraeus Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.2 Global Heraeus Sputter Coating Market Share in 2017

2.5 Honeywell

2.5.1 Business Overview

2.5.1.1 Honeywell Description

2.5.1.2 Honeywell Headquarter, Main Business and Finance Overview

2.5.2 Honeywell Sputter Coating Product Introduction

2.5.2.1 Sputter Coating Production Bases, Sales Regions and Major Competitors

2.5.2.2 Sputter Coating Product Information

2.5.3 Honeywell Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.1 Honeywell Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.2 Global Honeywell Sputter Coating Market Share in 2017

2.6 Umicore

2.6.1 Business Overview

2.6.1.1 Umicore Description

2.6.1.2 Umicore Headquarter, Main Business and Finance Overview

2.6.2 Umicore Sputter Coating Product Introduction

2.6.2.1 Sputter Coating Production Bases, Sales Regions and Major Competitors

2.6.2.2 Sputter Coating Product Information

2.6.3 Umicore Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.1 Umicore Sputter Coating Sales, Price, Revenue, Gross Margin and Market

Share (2016-2017)

2.6.3.2 Global Umicore Sputter Coating Market Share in 2017

2.7 Praxair

2.7.1 Business Overview

2.7.1.1 Praxair Description

2.7.1.2 Praxair Headquarter, Main Business and Finance Overview

2.7.2 Praxair Sputter Coating Product Introduction

2.7.2.1 Sputter Coating Production Bases, Sales Regions and Major Competitors

2.7.2.2 Sputter Coating Product Information

2.7.3 Praxair Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7.3.1 Praxair Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7.3.2 Global Praxair Sputter Coating Market Share in 2017

2.8 Tosoh SMD

2.8.1 Business Overview

2.8.1.1 Tosoh SMD Description

2.8.1.2 Tosoh SMD Headquarter, Main Business and Finance Overview

2.8.2 Tosoh SMD Sputter Coating Product Introduction

2.8.2.1 Sputter Coating Production Bases, Sales Regions and Major Competitors

2.8.2.2 Sputter Coating Product Information

2.8.3 Tosoh SMD Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8.3.1 Tosoh SMD Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8.3.2 Global Tosoh SMD Sputter Coating Market Share in 2017

2.9 Soleras Advanced Coatings

2.9.1 Business Overview

2.9.1.1 Soleras Advanced Coatings Description

2.9.1.2 Soleras Advanced Coatings Headquarter, Main Business and Finance Overview

2.9.2 Soleras Advanced Coatings Sputter Coating Product Introduction

2.9.2.1 Sputter Coating Production Bases, Sales Regions and Major Competitors

2.9.2.2 Sputter Coating Product Information

2.9.3 Soleras Advanced Coatings Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.9.3.1 Soleras Advanced Coatings Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.9.3.2 Global Soleras Advanced Coatings Sputter Coating Market Share in 2017

2.10 China Rare Metal Material

2.10.1 Business Overview

2.10.1.1 China Rare Metal Material Description

2.10.1.2 China Rare Metal Material Headquarter, Main Business and Finance

Overview

2.10.2 China Rare Metal Material Sputter Coating Product Introduction

2.10.2.1 Sputter Coating Production Bases, Sales Regions and Major Competitors

2.10.2.2 Sputter Coating Product Information

2.10.3 China Rare Metal Material Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.10.3.1 China Rare Metal Material Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.10.3.2 Global China Rare Metal Material Sputter Coating Market Share in 2017

2.11 Jiangyin Entret Coating Technology

2.11.1 Business Overview

2.11.2 Jiangyin Entret Coating Technology Sputter Coating Product Introduction

2.11.3 Jiangyin Entret Coating Technology Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.12 GRIKIN

2.12.1 Business Overview

2.12.2 GRIKIN Sputter Coating Product Introduction

2.12.3 GRIKIN Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

3 GLOBAL SPUTTER COATING MARKET COMPETITION, BY MANUFACTURER

3.1 Global Sputter Coating Sales and Market Share by Manufacturer (2016-2017)

3.2 Global Sputter Coating Revenue and Market Share by Manufacturer (2016-2017)

3.3 Global Sputter Coating Price by Manufacturer (2016-2017)

3.4 Market Concentration Rate

3.4.1 Top 3 Sputter Coating Manufacturer Market Share in 2017

3.4.2 Top 5 Sputter Coating Manufacturer Market Share in 2017

3.5 Market Competition Trend

4 GLOBAL SPUTTER COATING MARKET ANALYSIS BY REGIONS

4.1 Global Sputter Coating Sales, Revenue and Market Share by Regions

4.1.1 Global Sputter Coating Sales by Regions (2013-2018)

4.1.2 Global Sputter Coating Revenue by Regions (2013-2018)

- 4.2 North America Sputter Coating Sales, Revenue and Growth Rate (2013-2018)
- 4.3 Europe Sputter Coating Sales, Revenue and Growth Rate (2013-2018)
- 4.4 Asia-Pacific Sputter Coating Sales, Revenue and Growth Rate (2013-2018)
- 4.5 South America Sputter Coating Sales, Revenue and Growth Rate (2013-2018)
- 4.6 Middle East and Africa Sputter Coating Sales, Revenue and Growth Rate (2013-2018)

5 NORTH AMERICA SPUTTER COATING BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 5.1 North America Sputter Coating Sales, Revenue and Market Share by Countries
 - 5.1.1 North America Sputter Coating Sales by Countries (2013-2018)
 - 5.1.2 North America Sputter Coating Revenue by Countries (2013-2018)
 - 5.1.3 United States Sputter Coating Sales and Growth Rate (2013-2018)
 - 5.1.4 Canada Sputter Coating Sales and Growth Rate (2013-2018)
 - 5.1.5 Mexico Sputter Coating Sales and Growth Rate (2013-2018)
- 5.2 North America Sputter Coating Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 5.2.1 North America Sputter Coating Sales by Manufacturers (2016-2017)
 - 5.2.2 North America Sputter Coating Revenue by Manufacturers (2016-2017)
- 5.3 North America Sputter Coating Sales, Revenue and Market Share by Type (2013-2018)
 - 5.3.1 North America Sputter Coating Sales and Sales Share by Type (2013-2018)
 - 5.3.2 North America Sputter Coating Revenue and Revenue Share by Type (2013-2018)
- 5.4 North America Sputter Coating Sales, Revenue and Market Share by Application (2013-2018)
 - 5.4.1 North America Sputter Coating Sales and Sales Share by Application (2013-2018)
 - 5.4.2 North America Sputter Coating Revenue and Revenue Share by Application (2013-2018)

6 EUROPE SPUTTER COATING BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 6.1 Europe Sputter Coating Sales, Revenue and Market Share by Countries
 - 6.1.1 Europe Sputter Coating Sales by Countries (2013-2018)
 - 6.1.2 Europe Sputter Coating Revenue by Countries (2013-2018)
 - 6.1.3 Germany Sputter Coating Sales and Growth Rate (2013-2018)

- 6.1.4 UK Sputter Coating Sales and Growth Rate (2013-2018)
- 6.1.5 France Sputter Coating Sales and Growth Rate (2013-2018)
- 6.1.6 Russia Sputter Coating Sales and Growth Rate (2013-2018)
- 6.1.7 Italy Sputter Coating Sales and Growth Rate (2013-2018)
- 6.2 Europe Sputter Coating Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 6.2.1 Europe Sputter Coating Sales by Manufacturers (2016-2017)
 - 6.2.2 Europe Sputter Coating Revenue by Manufacturers (2016-2017)
- 6.3 Europe Sputter Coating Sales, Revenue and Market Share by Type (2013-2018)
 - 6.3.1 Europe Sputter Coating Sales and Sales Share by Type (2013-2018)
 - 6.3.2 Europe Sputter Coating Revenue and Revenue Share by Type (2013-2018)
- 6.4 Europe Sputter Coating Sales, Revenue and Market Share by Application (2013-2018)
 - 6.4.1 Europe Sputter Coating Sales and Sales Share by Application (2013-2018)
 - 6.4.2 Europe Sputter Coating Revenue and Revenue Share by Application (2013-2018)

7 ASIA-PACIFIC SPUTTER COATING BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 7.1 Asia-Pacific Sputter Coating Sales, Revenue and Market Share by Countries
 - 7.1.1 Asia-Pacific Sputter Coating Sales by Countries (2013-2018)
 - 7.1.2 Asia-Pacific Sputter Coating Revenue by Countries (2013-2018)
 - 7.1.3 China Sputter Coating Sales and Growth Rate (2013-2018)
 - 7.1.4 Japan Sputter Coating Sales and Growth Rate (2013-2018)
 - 7.1.5 Korea Sputter Coating Sales and Growth Rate (2013-2018)
 - 7.1.6 India Sputter Coating Sales and Growth Rate (2013-2018)
 - 7.1.7 Southeast Asia Sputter Coating Sales and Growth Rate (2013-2018)
- 7.2 Asia-Pacific Sputter Coating Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 7.2.1 Asia-Pacific Sputter Coating Sales by Manufacturers (2016-2017)
 - 7.2.2 Asia-Pacific Sputter Coating Revenue by Manufacturers (2016-2017)
- 7.3 Asia-Pacific Sputter Coating Sales, Revenue and Market Share by Type (2013-2018)
 - 7.3.1 Asia-Pacific Sputter Coating Sales and Sales Share by Type (2013-2018)
 - 7.3.2 Asia-Pacific Sputter Coating Revenue and Revenue Share by Type (2013-2018)
- 7.4 Asia-Pacific Sputter Coating Sales, Revenue and Market Share by Application (2013-2018)
 - 7.4.1 Asia-Pacific Sputter Coating Sales and Sales Share by Application (2013-2018)
 - 7.4.2 Asia-Pacific Sputter Coating Revenue and Revenue Share by Application

(2013-2018)

8 SOUTH AMERICA SPUTTER COATING BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

8.1 South America Sputter Coating Sales, Revenue and Market Share by Countries

8.1.1 South America Sputter Coating Sales by Countries (2013-2018)

8.1.2 South America Sputter Coating Revenue by Countries (2013-2018)

8.1.3 Brazil Sputter Coating Sales and Growth Rate (2013-2018)

8.1.4 Argentina Sputter Coating Sales and Growth Rate (2013-2018)

8.1.5 Colombia Sputter Coating Sales and Growth Rate (2013-2018)

8.2 South America Sputter Coating Sales and Revenue (Value) by Manufacturers (2016-2017)

8.2.1 South America Sputter Coating Sales by Manufacturers (2016-2017)

8.2.2 South America Sputter Coating Revenue by Manufacturers (2016-2017)

8.3 South America Sputter Coating Sales, Revenue and Market Share by Type (2013-2018)

8.3.1 South America Sputter Coating Sales and Sales Share by Type (2013-2018)

8.3.2 South America Sputter Coating Revenue and Revenue Share by Type (2013-2018)

8.4 South America Sputter Coating Sales, Revenue and Market Share by Application (2013-2018)

8.4.1 South America Sputter Coating Sales and Sales Share by Application (2013-2018)

8.4.2 South America Sputter Coating Revenue and Revenue Share by Application (2013-2018)

9 MIDDLE EAST AND AFRICA SPUTTER COATING BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

9.1 Middle East and Africa Sputter Coating Sales, Revenue and Market Share by Countries

9.1.1 Middle East and Africa Sputter Coating Sales by Countries (2013-2018)

9.1.2 Middle East and Africa Sputter Coating Revenue by Countries (2013-2018)

9.1.3 Saudi Arabia Sputter Coating Sales and Growth Rate (2013-2018)

9.1.4 UAE Sputter Coating Sales and Growth Rate (2013-2018)

9.1.5 Egypt Sputter Coating Sales and Growth Rate (2013-2018)

9.1.6 Nigeria Sputter Coating Sales and Growth Rate (2013-2018)

9.1.7 South Africa Sputter Coating Sales and Growth Rate (2013-2018)

9.2 Middle East and Africa Sputter Coating Sales and Revenue (Value) by Manufacturers (2016-2017)

9.2.1 Middle East and Africa Sputter Coating Sales by Manufacturers (2016-2017)

9.2.2 Middle East and Africa Sputter Coating Revenue by Manufacturers (2016-2017)

9.3 Middle East and Africa Sputter Coating Sales, Revenue and Market Share by Type (2013-2018)

9.3.1 Middle East and Africa Sputter Coating Sales and Sales Share by Type (2013-2018)

9.3.1 Middle East and Africa Sputter Coating Revenue and Revenue Share by Type (2013-2018)

9.4 Middle East and Africa Sputter Coating Sales, Revenue and Market Share by Application (2013-2018)

9.4.1 Middle East and Africa Sputter Coating Sales and Sales Share by Application (2013-2018)

9.4.2 Middle East and Africa Sputter Coating Revenue and Revenue Share by Application (2013-2018)

10 GLOBAL SPUTTER COATING MARKET SEGMENT BY TYPE

10.1 Global Sputter Coating Sales, Revenue and Market Share by Type (2013-2018)

10.1.1 Global Sputter Coating Sales and Market Share by Type (2013-2018)

10.1.2 Global Sputter Coating Revenue and Market Share by Type (2013-2018)

10.2 Metal and Element Sales Growth and Price

10.2.1 Global Metal and Element Sales Growth (2013-2018)

10.2.2 Global Metal and Element Price (2013-2018)

10.3 Alloys Sales Growth and Price

10.3.1 Global Alloys Sales Growth (2013-2018)

10.3.2 Global Alloys Price (2013-2018)

10.4 Compounds Sales Growth and Price

10.4.1 Global Compounds Sales Growth (2013-2018)

10.4.2 Global Compounds Price (2013-2018)

10.5 Others Sales Growth and Price

10.5.1 Global Others Sales Growth (2013-2018)

10.5.2 Global Others Price (2013-2018)

11 GLOBAL SPUTTER COATING MARKET SEGMENT BY APPLICATION

11.1 Global Sputter Coating Sales Market Share by Application (2013-2018)

11.2 Flat Panel Display Sales Growth (2013-2018)

- 11.3 Solar Panel Sales Growth (2013-2018)
- 11.4 Architectural Glass Sales Growth (2013-2018)
- 11.5 Semiconductors Sales Growth (2013-2018)
- 11.6 Others Sales Growth (2013-2018)

12 SPUTTER COATING MARKET FORECAST (2018-2023)

- 12.1 Global Sputter Coating Sales, Revenue and Growth Rate (2018-2023)
- 12.2 Sputter Coating Market Forecast by Regions (2018-2023)
 - 12.2.1 North America Sputter Coating Market Forecast (2018-2023)
 - 12.2.2 Europe Sputter Coating Market Forecast (2018-2023)
 - 12.2.3 Asia-Pacific Sputter Coating Market Forecast (2018-2023)
 - 12.2.4 South America Sputter Coating Market Forecast (2018-2023)
 - 12.2.5 Middle East and Africa Sputter Coating Market Forecast (2018-2023)
- 12.3 Sputter Coating Market Forecast by Type (2018-2023)
 - 12.3.1 Global Sputter Coating Sales Forecast by Type (2018-2023)
 - 12.3.2 Global Sputter Coating Market Share Forecast by Type (2018-2023)
- 12.4 Sputter Coating Market Forecast by Application (2018-2023)
 - 12.4.1 Global Sputter Coating Sales Forecast by Application (2018-2023)
 - 12.4.2 Global Sputter Coating Market Share Forecast by Application (2018-2023)

13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

- 13.1 Sales Channel
 - 13.1.1 Direct Marketing
 - 13.1.2 Indirect Marketing
 - 13.1.3 Marketing Channel Future Trend
- 13.2 Distributors, Traders and Dealers

14 RESEARCH FINDINGS AND CONCLUSION

15 APPENDIX

- 15.1 Methodology
- 15.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Sputter Coating Picture

Table Product Specifications of Sputter Coating

Figure Global Sputter Coating CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (USD Million)

Figure Global Sputter Coating CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (Sales)

Figure Global Sales Market Share of Sputter Coating by Types in 2017

Figure Metal and Element Picture

Table Major Manufacturers of Metal and Element

Figure Alloys Picture

Table Major Manufacturers of Alloys

Figure Compounds Picture

Table Major Manufacturers of Compounds

Figure Others Picture

Table Major Manufacturers of Others

Figure Sputter Coating Sales Market Share by Applications in 2017

Figure Flat Panel Display Picture

Figure Solar Panel Picture

Figure Architectural Glass Picture

Figure Semiconductors Picture

Figure Others Picture

Figure United States Sputter Coating Revenue (Value) and Growth Rate (2013-2023)

Figure Canada Sputter Coating Revenue (Value) and Growth Rate (2013-2023)

Figure Mexico Sputter Coating Revenue (Value) and Growth Rate (2013-2023)

Figure Germany Sputter Coating Revenue (Value) and Growth Rate (2013-2023)

Figure France Sputter Coating Revenue (Value) and Growth Rate (2013-2023)

Figure UK Sputter Coating Revenue (Value) and Growth Rate (2013-2023)

Figure Russia Sputter Coating Revenue (Value) and Growth Rate (2013-2023)

Figure Italy Sputter Coating Revenue (Value) and Growth Rate (2013-2023)

Figure China Sputter Coating Revenue (Value) and Growth Rate (2013-2023)

Figure Japan Sputter Coating Revenue (Value) and Growth Rate (2013-2023)

Figure Korea Sputter Coating Revenue (Value) and Growth Rate (2013-2023)

Figure India Sputter Coating Revenue (Value) and Growth Rate (2013-2023)

Figure Southeast Asia Sputter Coating Revenue (Value) and Growth Rate (2013-2023)

Figure Brazil Sputter Coating Revenue (Value) and Growth Rate (2013-2023)

Figure Egypt Sputter Coating Revenue (Value) and Growth Rate (2013-2023)
Figure Saudi Arabia Sputter Coating Revenue (Value) and Growth Rate (2013-2023)
Figure South Africa Sputter Coating Revenue (Value) and Growth Rate (2013-2023)
Figure Nigeria Sputter Coating Revenue (Value) and Growth Rate (2013-2023)
Table Materion Headquarter, Established, Main Business and Finance Overview (2017)
Table Materion Sputter Coating Production Bases, Sales Regions and Major Competitors
Table Materion Sputter Coating Product
Table Materion Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Figure Global Materion Sputter Coating Sales Market Share in 2017
Figure Global Materion Sputter Coating Revenue Market Share in 2017
Table ULVAC Headquarter, Established, Main Business and Finance Overview (2017)
Table ULVAC Sputter Coating Production Bases, Sales Regions and Major Competitors
Table ULVAC Sputter Coating Product
Table ULVAC Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Figure Global ULVAC Sputter Coating Sales Market Share in 2017
Figure Global ULVAC Sputter Coating Revenue Market Share in 2017
Table JX Nippon Mining & Metal Headquarter, Established, Main Business and Finance Overview (2017)
Table JX Nippon Mining & Metal Sputter Coating Production Bases, Sales Regions and Major Competitors
Table JX Nippon Mining & Metal Sputter Coating Product
Table JX Nippon Mining & Metal Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Figure Global JX Nippon Mining & Metal Sputter Coating Sales Market Share in 2017
Figure Global JX Nippon Mining & Metal Sputter Coating Revenue Market Share in 2017
Table Heraeus Headquarter, Established, Main Business and Finance Overview (2017)
Table Heraeus Sputter Coating Production Bases, Sales Regions and Major Competitors
Table Heraeus Sputter Coating Product
Table Heraeus Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Figure Global Heraeus Sputter Coating Sales Market Share in 2017
Figure Global Heraeus Sputter Coating Revenue Market Share in 2017
Table Honeywell Headquarter, Established, Main Business and Finance Overview (2017)

Table Honeywell Sputter Coating Production Bases, Sales Regions and Major Competitors

Table Honeywell Sputter Coating Product

Table Honeywell Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Honeywell Sputter Coating Sales Market Share in 2017

Figure Global Honeywell Sputter Coating Revenue Market Share in 2017

Table Umicore Headquarter, Established, Main Business and Finance Overview (2017)

Table Umicore Sputter Coating Production Bases, Sales Regions and Major Competitors

Table Umicore Sputter Coating Product

Table Umicore Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Umicore Sputter Coating Sales Market Share in 2017

Figure Global Umicore Sputter Coating Revenue Market Share in 2017

Table Praxair Headquarter, Established, Main Business and Finance Overview (2017)

Table Praxair Sputter Coating Production Bases, Sales Regions and Major Competitors

Table Praxair Sputter Coating Product

Table Praxair Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Praxair Sputter Coating Sales Market Share in 2017

Figure Global Praxair Sputter Coating Revenue Market Share in 2017

Table Tosoh SMD Headquarter, Established, Main Business and Finance Overview (2017)

Table Tosoh SMD Sputter Coating Production Bases, Sales Regions and Major Competitors

Table Tosoh SMD Sputter Coating Product

Table Tosoh SMD Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Tosoh SMD Sputter Coating Sales Market Share in 2017

Figure Global Tosoh SMD Sputter Coating Revenue Market Share in 2017

Table Soleras Advanced Coatings Headquarter, Established, Main Business and Finance Overview (2017)

Table Soleras Advanced Coatings Sputter Coating Production Bases, Sales Regions and Major Competitors

Table Soleras Advanced Coatings Sputter Coating Product

Table Soleras Advanced Coatings Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Soleras Advanced Coatings Sputter Coating Sales Market Share in 2017

Figure Global Soleras Advanced Coatings Sputter Coating Revenue Market Share in 2017

Table China Rare Metal Material Headquarter, Established, Main Business and Finance Overview (2017)

Table China Rare Metal Material Sputter Coating Production Bases, Sales Regions and Major Competitors

Table China Rare Metal Material Sputter Coating Product

Table China Rare Metal Material Sputter Coating Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global China Rare Metal Material Sputter Coating Sales Market Share in 2017

Figure Global China Rare Metal Material Sputter Coating Revenue Market Share in 2017

Table Jiangyin Entret Coating Technology

Table Jiangyin Entret Coating Technology Sputter Coating

Table GRIKIN

Table GRIKIN Sputter Coating

Table Global Sputter Coating Sales by Manufacturer (2016-2017)

Figure Global Sputter Coating Sales Market Share by Manufacturer in 2016

Figure Global Sputter Coating Sales Market Share by Manufacturer in 2017

Table Global Sputter Coating Revenue by Manufacturer (2016-2017)

Figure Global Sputter Coating Revenue Market Share by Manufacturer in 2016

Figure Global Sputter Coating Revenue Market Share by Manufacturer in 2017

Table Global Sputter Coating Price by Manufacturer (2016-2017)

Figure Top 3 Sputter Coating Manufacturer (Revenue) Market Share in 2017

Figure Top 6 Sputter Coating Manufacturer (Revenue) Market Share in 2017

Figure Global Sputter Coating Sales and Growth Rate (2013-2018)

Figure Global Sputter Coating Revenue and Growth Rate (2013-2018)

Table Global Sputter Coating Sales by Regions (2013-2018)

Table Global Sputter Coating Sales Market Share by Regions (2013-2018)

Table Global Sputter Coating Revenue by Regions (2013-2018)

Figure Global Sputter Coating Revenue Market Share by Regions in 2013

Figure Global Sputter Coating Revenue Market Share by Regions in 2017

Figure North America Sputter Coating Sales and Growth Rate (2013-2018)

Figure North America Sputter Coating Revenue and Growth Rate (2013-2018)

Figure Europe Sputter Coating Sales and Growth Rate (2013-2018)

Figure Europe Sputter Coating Revenue and Growth Rate (2013-2018)

Figure Asia-Pacific Sputter Coating Sales and Growth Rate (2013-2018)

Figure Asia-Pacific Sputter Coating Revenue and Growth Rate (2013-2018)

Figure South America Sputter Coating Sales and Growth Rate (2013-2018)

Figure South America Sputter Coating Revenue and Growth Rate (2013-2018)
Figure Middle East and Africa Sputter Coating Sales and Growth Rate (2013-2018)
Figure Middle East and Africa Sputter Coating Revenue and Growth Rate (2013-2018)
Figure North America Sputter Coating Revenue and Growth Rate (2013-2018)
Table North America Sputter Coating Sales by Countries (2013-2018)
Table North America Sputter Coating Sales Market Share by Countries (2013-2018)
Figure North America Sputter Coating Sales Market Share by Countries in 2013
Figure North America Sputter Coating Sales Market Share by Countries in 2017
Table North America Sputter Coating Revenue by Countries (2013-2018)
Table North America Sputter Coating Revenue Market Share by Countries (2013-2018)
Figure North America Sputter Coating Revenue Market Share by Countries in 2013
Figure North America Sputter Coating Revenue Market Share by Countries in 2017
Figure United States Sputter Coating Sales and Growth Rate (2013-2018)
Figure Canada Sputter Coating Sales and Growth Rate (2013-2018)
Figure Mexico Sputter Coating Sales and Growth Rate (2013-2018)
Table North America Sputter Coating Sales by Manufacturer (2016-2017)
Figure North America Sputter Coating Sales Market Share by Manufacturer in 2016
Figure North America Sputter Coating Sales Market Share by Manufacturer in 2017
Table North America Sputter Coating Revenue by Manufacturer (2016-2017)
Figure North America Sputter Coating Revenue Market Share by Manufacturer in 2016
Figure North America Sputter Coating Revenue Market Share by Manufacturer in 2017
Table North America Sputter Coating Sales by Type (2013-2018)
Table North America Sputter Coating Sales Share by Type (2013-2018)
Table North America Sputter Coating Revenue by Type (2013-2018)
Table North America Sputter Coating Revenue Share by Type (2013-2018)
Table North America Sputter Coating Sales by Application (2013-2018)
Table North America Sputter Coating Sales Share by Application (2013-2018)
Table North America Sputter Coating Revenue by Application (2013-2018)
Table North America Sputter Coating Revenue Share by Application (2013-2018)
Figure Europe Sputter Coating Revenue and Growth Rate (2013-2018)
Table Europe Sputter Coating Sales by Countries (2013-2018)
Table Europe Sputter Coating Sales Market Share by Countries (2013-2018)
Table Europe Sputter Coating Revenue by Countries (2013-2018)
Figure Europe Sputter Coating Revenue Market Share by Countries in 2016
Figure Europe Sputter Coating Revenue Market Share by Countries in 2017
Figure Germany Sputter Coating Sales and Growth Rate (2013-2018)
Figure UK Sputter Coating Sales and Growth Rate (2013-2018)
Figure France Sputter Coating Sales and Growth Rate (2013-2018)
Figure Russia Sputter Coating Sales and Growth Rate (2013-2018)

Figure Italy Sputter Coating Sales and Growth Rate (2013-2018)
Table Europe Sputter Coating Sales by Manufacturer (2016-2017)
Figure Europe Sputter Coating Sales Market Share by Manufacturer in 2016
Figure Europe Sputter Coating Sales Market Share by Manufacturer in 2017
Table Europe Sputter Coating Revenue by Manufacturer (2016-2017)
Figure Europe Sputter Coating Revenue Market Share by Manufacturer in 2016
Figure Europe Sputter Coating Revenue Market Share by Manufacturer in 2017
Table Europe Sputter Coating Sales by Type (2013-2018)
Table Europe Sputter Coating Sales Share by Type (2013-2018)
Table Europe Sputter Coating Revenue by Type (2013-2018)
Table Europe Sputter Coating Revenue Share by Type (2013-2018)
Table Europe Sputter Coating Sales by Application (2013-2018)
Table Europe Sputter Coating Sales Share by Application (2013-2018)
Table Europe Sputter Coating Revenue by Application (2013-2018)
Table Europe Sputter Coating Revenue Share by Application (2013-2018)
Figure Asia-Pacific Sputter Coating Revenue and Growth Rate (2013-2018)
Table Asia-Pacific Sputter Coating Sales by Countries (2013-2018)
Table Asia-Pacific Sputter Coating Sales Market Share by Countries (2013-2018)
Figure Asia-Pacific Sputter Coating Sales Market Share by Countries 2017
Table Asia-Pacific Sputter Coating Revenue by Countries (2013-2018)
Figure Asia-Pacific Sputter Coating Revenue Market Share by Countries 2017
Figure China Sputter Coating Sales and Growth Rate (2013-2018)
Figure Japan Sputter Coating Sales and Growth Rate (2013-2018)
Figure Korea Sputter Coating Sales and Growth Rate (2013-2018)
Figure India Sputter Coating Sales and Growth Rate (2013-2018)
Figure Southeast Asia Sputter Coating Sales and Growth Rate (2013-2018)
Table Asia-Pacific Sputter Coating Sales by Manufacturer (2016-2017)
Figure Asia-Pacific Sputter Coating Sales Market Share by Manufacturer in 2016
Figure Asia-Pacific Sputter Coating Sales Market Share by Manufacturer in 2017
Table Asia-Pacific Sputter Coating Revenue by Manufacturer (2016-2017)
Figure Asia-Pacific Sputter Coating Revenue Market Share by Manufacturer in 2016
Figure Asia-Pacific Sputter Coating Revenue Market Share by Manufacturer in 2017
Table Asia-Pacific Sputter Coating Sales by Type (2013-2018)
Table Asia-Pacific Sputter Coating Sales Share by Type (2013-2018)
Table Asia-Pacific Sputter Coating Revenue by Type (2013-2018)
Table Asia-Pacific Sputter Coating Revenue Share by Type (2013-2018)
Table Asia-Pacific Sputter Coating Sales by Application (2013-2018)
Table Asia-Pacific Sputter Coating Sales Share by Application (2013-2018)
Table Asia-Pacific Sputter Coating Revenue by Application (2013-2018)

Table Asia-Pacific Sputter Coating Revenue Share by Application (2013-2018)
Figure South America Sputter Coating Revenue and Growth Rate (2013-2018)
Table South America Sputter Coating Sales by Countries (2013-2018)
Table South America Sputter Coating Sales Market Share by Countries (2013-2018)
Figure South America Sputter Coating Sales Market Share by Countries in 2017
Table South America Sputter Coating Revenue by Countries (2013-2018)
Table South America Sputter Coating Revenue Market Share by Countries (2013-2018)
Figure South America Sputter Coating Revenue Market Share by Countries in 2017
Figure Brazil Sputter Coating Sales and Growth Rate (2013-2018)
Figure Argentina Sputter Coating Sales and Growth Rate (2013-2018)
Figure Colombia Sputter Coating Sales and Growth Rate (2013-2018)
Table South America Sputter Coating Sales by Manufacturer (2016-2017)
Figure South America Sputter Coating Sales Market Share by Manufacturer in 2016
Figure South America Sputter Coating Sales Market Share by Manufacturer in 2017
Table South America Sputter Coating Revenue by Manufacturer (2016-2017)
Figure South America Sputter Coating Revenue Market Share by Manufacturer in 2016
Figure South America Sputter Coating Revenue Market Share by Manufacturer in 2017
Table South America Sputter Coating Sales by Type (2013-2018)
Table South America Sputter Coating Sales Share by Type (2013-2018)
Table South America Sputter Coating Revenue by Type (2013-2018)
Table South America Sputter Coating Revenue Share by Type (2013-2018)
Table South America Sputter Coating Sales by Application (2013-2018)
Table South America Sputter Coating Sales Share by Application (2013-2018)
Table South America Sputter Coating Revenue by Application (2013-2018)
Table South America Sputter Coating Revenue Share by Application (2013-2018)
Figure Middle East and Africa Sputter Coating Revenue and Growth Rate (2013-2018)
Table Middle East and Africa Sputter Coating Sales by Countries (2013-2018)
Table Middle East and Africa Sputter Coating Sales Market Share by Countries (2013-2018)
Figure Middle East and Africa Sputter Coating Sales Market Share by Countries in 2017
Table Middle East and Africa Sputter Coating Revenue by Countries (2013-2018)
Table Middle East and Africa Sputter Coating Revenue Market Share by Countries (2013-2018)
Figure Middle East and Africa Sputter Coating Revenue Market Share by Countries in 2013
Figure Middle East and Africa Sputter Coating Revenue Market Share by Countries in 2017
Figure Saudi Arabia Sputter Coating Sales and Growth Rate (2013-2018)
Figure UAE Sputter Coating Sales and Growth Rate (2013-2018)

Figure Egypt Sputter Coating Sales and Growth Rate (2013-2018)

Figure Nigeria Sputter Coating Sales and Growth Rate (2013-2018)

Figure South Africa Sputter Coating Sales and Growth Rate (2013-2018)

Table Middle East and Africa Sputter Coating Sales by Manufacturer (2016-2017)

Figure Middle East and Africa Sputter Coating Sales Market Share by Manufacturer in 2016

Figure Middle East and Africa Sputter Coating Sales Market Share by Manufacturer in 2017

Table Middle East and Africa Sputter Coating Revenue by Manufacturer (2016-2017)

Figure Middle East and Africa Sputter Coating Revenue Market Share by Manufacturer in 2016

Figure Middle East and Africa Sputter Coating Revenue Market Share by Manufacturer in 2017

Table Middle East and Africa Sputter Coating Sales by Type (2013-2018)

Table Middle East and Africa Sputter Coating Sales Share by Type (2013-2018)

Table Middle East and Africa Sputter Coating Revenue by Type (2013-2018)

Table Middle East and Africa Sputter Coating Revenue Share by Type (2013-2018)

Table Middle East and Africa Sputter Coating Sales by Application (2013-2018)

Table Middle East and Africa Sputter Coating Sales Share by Application (2013-2018)

Table Middle East and Africa Sputter Coating Revenue by Application (2013-2018)

Table Middle East and Africa Sputter Coating Revenue Share by Application (2013-2018)

Table Global Sputter Coating Sales by Type (2013-2018)

Table Global Sputter Coating Sales Share by Type (2013-2018)

Table Global Sputter Coating Revenue by Type (2013-2018)

Table Global Sputter Coating Revenue Share by Type (2013-2018)

Figure Global Metal and Element Sales Growth (2013-2018)

Figure Global Metal and Element Price (2013-2018)

Figure Global Alloys Sales Growth (2013-2018)

Figure Global Alloys Price (2013-2018)

Figure Global Compounds Sales Growth (2013-2018)

Figure Global Compounds Price (2013-2018)

Figure Global Others Sales Growth (2013-2018)

Figure Global Others Price (2013-2018)

Table Global Sputter Coating Sales by Application (2013-2018)

Table Global Sputter Coating Sales Share by Application (2013-2018)

Figure Global Flat Panel Display Sales Growth (2013-2018)

Figure Global Solar Panel Sales Growth (2013-2018)

Figure Global Architectural Glass Sales Growth (2013-2018)

Figure Global Semiconductors Sales Growth (2013-2018)
Figure Global Others Sales Growth (2013-2018)
Figure Global Sputter Coating Sales, Revenue and Growth Rate (2018-2023)
Table Global Sputter Coating Sales Forecast by Regions (2018-2023)
Table Global Sputter Coating Market Share Forecast by Regions (2018-2023)
Figure North America Sales Sputter Coating Market Forecast (2018-2023)
Figure Europe Sales Sputter Coating Market Forecast (2018-2023)
Figure Asia-Pacific Sales Sputter Coating Market Forecast (2018-2023)
Figure South America Sales Sputter Coating Market Forecast (2018-2023)
Figure Middle East and Africa Sales Sputter Coating Market Forecast (2018-2023)
Table Global Sputter Coating Sales Forecast by Type (2018-2023)
Table Global Sputter Coating Market Share Forecast by Type (2018-2023)
Table Global Sputter Coating Sales Forecast by Application (2018-2023)
Table Global Sputter Coating Market Share Forecast by Application (2018-2023)
Table Distributors/Traders/ Dealers List

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