Sputter Coatings Market: Global Industry Analysis and Opportunity Assessment 2016-2026

Description: Sputtering is an advanced technology prominently used in electronics manufacturing wherein coatings of thickness in the range of 3-5 micro meter are obtained. The material that is to be coated exists either in planar or rotary form-termed as sputter target, while the product surface on to which the coating is to be obtained is called “substrate”.

Sputter targets are made up of Metal and Elements, Alloys and Compounds. There are over 200 types of sputter targets used across diverse industries. Sputter coating is mainly used for generating transparent conductive oxide (TCO) film on the substrate, which is used in various applications such as flat panel displays, solar panels, and semiconductors among others. The global consumption of sputter coating targets is expected to be pegged at 16,106.0 MT by 2026 end.

Growing demand for smartphones to positively impact the global sputter coatings market

Sputter coating is prominently used in flat panel displays and this is expected to drive the global sputter coatings market owing to a rise in demand across the globe. Growing demand for smartphones, OLED, and LED screens among others in turn is expected to drive the demand for sputter targets over the forecast period. Along with this, growing demand for semiconductors and microelectronics has also stimulated the sputter targets demand over the forecast period.

Global semiconductor production is forecast to witness a steady growth of around 6% over 2016-2026, which is anticipated to boost the global sputter coatings market. Furthermore, government investment in solar energy projects helps increase the demand for solar panels.

Owing to a rise in demand for high efficiency thin film solar panels across the globe, there is an increase in the demand for sputter targets. Government regulations in developed regions such as North America and Europe pertaining to infrastructure development i.e. zero energy buildings will lead to an increased demand of the low-e glass that will in turn increase the demand for sputter targets. These factors are expected to boost growth of the global sputter coatings market over the forecast period (2016 - 2026).

However, many industries are focussed on the development of alternative methods for effective coatings, and this is likely to adversely impact the demand for sputter targets. The variation in efficiency of coating and price fluctuation are other factors that are expected to restrict the growth of the global sputter coatings market.

Market Segmentation

By Target Types
Metal and Element
Alloys
Compounds

By Application
Flat Panel Display
Solar Panel
Architectural Glass
Semiconductors
Others

By Region
North America
Western Europe
Asia Pacific excluding Japan
Japan
Rest of the World (includes Eastern Europe, Latin America, Middle East & Africa)
APEJ region is leading the global sputter coatings market

In 2015, Asia Pacific excluding Japan (APEJ) possessed the maximum share of 59.6% (in terms of volume) of the global sputter coatings market and is expected to dominate the market over the forecast period, registering a CAGR of 4.4% between 2016 and 2026.

Taiwan is set to remain a major consumer of sputter targets

In terms of consumption, Taiwan is a major consumer of sputter targets with a volume share of 35% and is expected to dominate the market during the forecast period. South Korea and China are other major consumer markets after Taiwan and it is expected that both countries will witness a healthy growth with collective incremental opportunity of US$ 1.04 Bn over the forecast period.

Solar industry to contribute in the demand for sputter targets in China

In China, demand for sputter targets is expected to grow substantially owing to a rise in demand from the solar industry, glass industry, and electronics industry among others. After APEJ, Japan is the major consumer of sputter targets and is expected to register a CAGR of 4.4% over the forecast period. The demand for sputter coatings in North America and Western Europe is growing due to a rise in demand for solar panels, architectural glass, and optics coating among others. The sputter coatings market in North America and Western Europe is expected to register a CAGR of 3.7% and 3.2% respectively.

Sputter coatings market

Key market players are investing heavily in R&D to gain a foothold in the global sputter coatings market

Some of the major players operating in the global sputter coatings market are Materion Corporation, ULVAC, Inc., JX Nippon Mining & Metal Corporation, Heraeus Holding, Honeywell International Inc., Umicore Group, Praxair S.T. Technology, Inc., Tosoh SMD, Inc., Soleras Advanced Coatings, China Rare Metal Material Co. Ltd., JIANGYIN ENTRET COATING TECHNOLOGY CO. LTD., and GRIKIN Advanced Materials Co. Ltd. Strategic collaborations to enhance their foothold in prominent countries and development of new sputtering methods are the important strategies adopted by key players in the global sputter coatings market.

Contents:

1. Executive Summary
2. Market Introduction
   2.1. Market Definition
   2.2. Market Taxonomy
3. Global Sputter Coating Targets Market Analysis Scenario
   3.1. Pricing Analysis
   3.2. Market Value (US$ Mn) & Volume (MT) Forecast
   3.3. Market Overview
      3.3.1. Value Chain
      3.3.2. Profitability Margins
4. Market Dynamics
   4.1. Drivers
   4.2. Restraints
   4.3. Trends
5. Global Sputter Coating Targets Market Analysis & Forecast, By Target Type
   5.1. Introduction
   5.1.1. Basis Point Share (BPS) Analysis, By Target type
   5.1.2. Y-o-Y Growth Projection, By Target Type
   5.2. Market Value (US$ Mn) and Volume (MT) Forecast By Target Type
      5.2.1. Metal & Element
      5.2.2. Alloy
      5.2.3. Compound
   5.3. Market Attractiveness Analysis, By Target Type
6. Global Sputter Coating Targets Market Analysis & Forecast, By Applications
6.1. Introduction
6.1.1. Basis Point Share (BPS) Analysis, By Applications
6.1.2. Y-o-Y Growth Projection, By Applications
6.2. Market Value (US$ Mn) and Volume (MT) Forecast By Applications
6.2.1. Solar Panel
6.2.2. Flat Panel Display
6.2.3. Architectural Glass
6.2.4. Semiconductor
6.2.5. Others
6.3. Market Attractiveness Analysis, By Applications

7. Global Sputter Coating Targets Market Analysis & Forecast, By Region
7.1. Introduction
7.1.1. Basis Point Share (BPS) Analysis, By Region
7.1.2. Y-o-Y Growth Projection, By Region
7.2. Market Value (US$ Mn) and Volume (MT) Forecast By Region
7.2.1. North America
7.2.2. Western Europe
7.2.3. APEJ
7.2.4. Japan
7.2.5. Rest of World
7.3. Market Attractiveness Analysis, By Region

8. North America Sputter Coating Targets Market Analysis & Forecast
8.1. Introduction
8.1.1. Basis Point Share (BPS) Analysis, By Country
8.1.2. Y-o-Y Growth Projection, By Country
8.2. Market Value (US$ Mn) and Volume (MT) Forecast, By Country
8.2.1. U.S.
8.2.2. Canada
8.3. Market Value (US$ Mn) and Volume (MT) Forecast By Target Type
8.3.1. Metal & Element
8.3.2. Alloy
8.3.3. Compound
8.4. Market Value (US$ Mn) and Volume (MT) Forecast By Applications
8.4.1. Solar Panel
8.4.2. Flat Panel Display
8.4.3. Architectural Glass
8.4.4. Semiconductor
8.4.5. Others
8.5. Market Attractiveness Analysis
8.5.1. By Country
8.5.2. By Target Type
8.5.3. By Applications

9. Western Europe Sputter Coating Targets Market Analysis & Forecast
9.1. Introduction
9.1.1. Basis Point Share (BPS) Analysis, By Country
9.1.2. Y-o-Y Growth Projection, By Country
9.2. Market Value (US$ Mn) and Volume (MT) Forecast, By Country
9.2.1. Germany
9.2.2. France
9.2.3. U.K
9.2.4. Italy
9.2.5. Rest of Western Europe
9.3. Market Value (US$ Mn) and Volume (MT) Forecast By Target Type
9.3.1. Metal & Element
9.3.2. Alloy
9.3.3. Compound
9.4. Market Value (US$ Mn) and Volume (MT) Forecast By Applications
9.4.1. Solar Panel
9.4.2. Flat Panel Display
9.4.3. Architectural Glass
9.4.4. Semiconductor

9.4.5. Others

9.5. Market Attractiveness Analysis

9.5.1. By Country

9.5.2. By Target Type

9.5.3. By Applications

10. APEJ Sputter Coating Targets Market Analysis & Forecast

10.1. Introduction

10.1.1. Basis Point Share (BPS) Analysis, By Country

10.1.2. Y-o-Y Growth Projection, By Country

10.2. Market Value (US$ Mn) and Volume (MT) Forecast, By Country

10.2.1. Taiwan

10.2.2. South Korea

10.2.3. China

10.2.4. India

10.2.5. Rest of APEJ

10.3. Market Value (US$ Mn) and Volume (MT) Forecast By Target Type

10.3.1. Metal & Element

10.3.2. Alloy

10.3.3. Compound

10.4. Market Value (US$ Mn) and Volume (MT) Forecast By Applications

10.4.1. Solar Panel

10.4.2. Flat Panel Display

10.4.3. Architectural Glass

10.4.4. Semiconductor

10.4.5. Others

10.5. Market Attractiveness Analysis

10.5.1. By Country

10.5.2. By Target Type

10.5.3. By Applications

Ordering:

Order Online - [http://www.researchandmarkets.com/reports/3978242/](http://www.researchandmarkets.com/reports/3978242/)

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit
http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Sputter Coatings Market: Global Industry Analysis and Opportunity Assessment 2016-2026
Web Address: http://www.researchandmarkets.com/reports/3978242/
Office Code: SC

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>USD 5000</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License:</td>
<td>USD 7500</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
First Name: ___________________________ Last Name: ___________________________
Email Address: * ______________________
Job Title: _____________________________
Organisation: _________________________
Address: ______________________________
City: _________________________________
Postal / Zip Code: _____________________
Country: ______________________________
Phone Number: _________________________
Fax Number: __________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Account number</td>
<td>833 130 83</td>
</tr>
<tr>
<td>Sort code</td>
<td>98-53-30</td>
</tr>
<tr>
<td>Swift code</td>
<td>ULSBIE2D</td>
</tr>
<tr>
<td>IBAN number</td>
<td>IE78ULSB98533083313083</td>
</tr>
<tr>
<td>Bank Address</td>
<td>Ulster Bank, 27-35 Main Street, Blackrock, Co. Dublin, Ireland.</td>
</tr>
</tbody>
</table>

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at [http://www.researchandmarkets.com/info/terms.asp](http://www.researchandmarkets.com/info/terms.asp)

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World