

Sputtering Targets and Sputtered Films: Technology and Markets

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Abstracts

REPORT SCOPE:

This report will cover all the sputtering targets and sputtered films material types that are actively being consumed in various applications. A separate section titled “Market Dynamics” includes detailed descriptions of the recent drivers and restraints in the sputtering targets and sputtered films.

The report includes a separate section highlighting the impact of COVID-19 on sputtering targets and sputtered films at the global level. The section will include the COVID-19 impact on supply and demand of sputtering targets and sputtered films, price impacts and various strategic decisions taken by governments to boost the market.

The market size and estimations are provided in terms of value (\$ millions), using 2020 as base year. The market forecast will be given from 2021 to 2026. Market sizes at the regional and country levels are also covered. The impact of COVID-19 was also considered when deriving the market estimations. For companies reporting their revenue in U.S. dollars, the revenues are taken from their annual reports. For companies reporting their revenue in other currencies, the average annual currency conversion rate is used for the particular year to convert the revenue into U.S. dollars.

In terms of material type, sputtering targets and sputtered films are segmented into -

Metals and pure elements.

Oxides.

Alloys and intermetallics.

Others.

In terms of application, the sputtering targets and sputtered films are segmented into -

Microelectronics.

Data storage media.

Advanced displays.

Mechanical/chemical devices.

Energy devices.

Optical coatings.

Others.

REPORT INCLUDES:

96 data tables and 42 additional tables.

An overview of the global markets and technologies for sputtering targets and sputtered films

Estimation of the market size and analyses of the global market trends, with data from 2020, estimates for 2021, with projection of CAGR through 2026

Analysis of new opportunities, challenges, and technological changes within the industry and highlights of the market potential for sputtering targets and sputtered films by material type, application and region

Details of the milestones in the history of the sputtering process and recent events; latest developments in the sputtering process, and discussion on the impact of nanotechnology on sputtering targets and sputtered films industry

Description of multi-station sputtering and cleaning system, roll-to-roll sputtering with in-situ annealing and other production methods

Detailed analysis of the current market trends and forecast, relevant R&D activities and discussion of regulatory elements that are affecting the future marketplace

Market share analysis of the key companies of the industry and coverage of events like mergers & acquisitions, joint ventures, collaborations or partnerships, and other key market strategies

Company profiles of major players in the market, including Corning Precision Materials Co. Ltd., Daido Steel, Furuya Metal, Hitachi Metals, Honeywell Electronic Materials, and Kobe Steel.

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MATERION

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FURUYA METAL

HERAEUS MATERIALS TECHNOLOGY

HITACHI METALS

HONEYWELL ELECTRONIC MATERIALS

JX NIPPON MINING & METALS

KOBE STEEL

MATERION

Other Companies

MATSUDA SANGYO

MITSUBISHI MATERIALS CORP.

MITSUI MINING & SMELTING
PLANSEE
PRAXAIR
SINGULUS TECHNOLOGIES
SOLERAS ADVANCED COATINGS
SUMITOMO CHEMICAL
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