Optical Coatings Market Research Report - Forecast to 2023

Global Optical Coating Market Research Report: By Type, By Sputter Deposition, By Coating Material, By End-use Industry, By Region : Forecast to 2023

Abstract
The market for optical coating is expected to grow from USD 7,964.8 Mn to over USD 11,700 Mn by the year 2023, indicating towards a healthy CAGR for the market during the review period. Optical coatings are used in a range of applications, which include anti-glare chemical resistance, UV resistance, and scratch & abrasion protection. Optical coatings are being increasingly used by spectacle manufacturers to enhance the various properties of their products. Over the years, an array of new optical coatings have come up with specific applications. Industries such as automotive, electronics and telecommunication are prominent end-users of such coatings. The technological advancements in the optical coating fabrication is also a key force behind the rapid adoption for optical coating in the manufacturing sector.

Report Overview
This MRFR report holds an objective outlook towards the global market for optical coatings highlighting the recent historical developments, current market trends and expected growth over the next five years. The market estimations in the report covers the expected growth of the market’s overall valuation from 2018 to 2023. The market perspective in the report breaks down the key elements of the global optical coatings market as well as delivers a commentary on relevant macro and micro-economic aspects. As a part of the analysis, it also covers a discussion on market prospects of popular optical coating types namely- anti-reflective coatings, beam-splitter coatings, electrochromic (EC) coatings, filter coatings (short-pass & long-pass, bandpass, notch filter, others), high reflective coatings, transparent conductive coatings, and partial reflection coatings. The scope of the research also extends to coating methods such as vacuum deposition/ evaporative deposition and sputter deposition. Coating materials discussed in the report include metallic materials and dielectric materials. The findings in the report also indicate that electronics & telecommunication, automotive, healthcare, aerospace & defense, and solar will remain among the key end-use industries for optical coatings during the assessment period. All the parameters of the market were examined under five major geographies- Europe, Asia Pacific, North America, the Middle East & Africa (MEA) and Latin America, with the respective country-level market sizes

Players Covered

Research Methodology
Market Research Future prepares its reports after conducting extensive analysis on the changing market trends. Comprehensive and reliable research methodologies are utilized for examining the key market divergences as well as identification of market opportunities and threats. A multi-level verification process ensures the generation of highly accurate market data. Statistical observations are finalized after a thorough investigation and analysis of all the market elements. The market facts and information gathered are verified through primary and secondary inputs that include extensive interviews with industry experts, whitepaper reference available in the public domain, and fact sheets of key players among others. Top-down and bottom-up approaches are consulted to reach to concrete conclusions on the market, ensuring optimum quality of the information.

**Analysis Period**

- Base Year - 2017
- Projection Period - From 2018 to 2024
- Market Denomination - USD Million
- Conversion Rate - Considered as per the respective financial years

For the scope of the research, MRFR's report offers a comprehensive segmental analysis of the global market for optical coating

**By Type**

- Anti-Reflective Coatings
- Beam-Splitter Coatings
- Electrochromic Coatings
- Filter Coatings
  - Short-Pass
  - Long-Pass
  - Notch Filters
  - Others
- High Reflective Coatings
- Transparent Conductive Coatings
- Partial Reflective Coatings
- Others

**By Coating Method**

- Vacuum Deposition/ Evaporative Deposition
  - Thermal Evaporation
  - Electron Beam Deposition/ Electron Beam Evaporation
- Sputter Deposition
  - Ion Beam Sputtering (IBS)
  - Ion Assisted Deposition (IAS)
  - Reactive Sputtering
  - Magnetron Sputtering
  - Plasma Sputtering
  - Gas Flow Sputtering
- Others

**By Coating Materials**

- Metallic Materials
- Dielectric Materials

**By End Use Industry**

- Electronics & Telecommunication
- Automotive
- Aerospace & Defense
- Solar
- Healthcare
By Region

- North America; The U.S., and Canada
- Europe; Germany, Russia, the U.K, France, Spain, Italy, and Rest of the Europe
- Asia Pacific (APAC); China, Japan, India, South Korea, Taiwan, and Rest of Asia Pacific
- The Middle East & Africa (MEA); GCC, South Africa, and Rest of Middle East & Africa
- Latin America; Brazil, Mexico, and Rest of Latin America

Intended Audience

- Optical Coating manufacturers
- Suppliers and distributors
- Potential investors
- Raw material suppliers
- Associations
- Government
- End-Use Industries
GLOBAL OPTICAL COATING MARKET

The global optical coating market was valued at around USD 8,246.3 million in 2018 and is expected to grow with a CAGR of over 7.0% during the forecast period 2019–2025.

1 EXECUTIVE SUMMARY

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