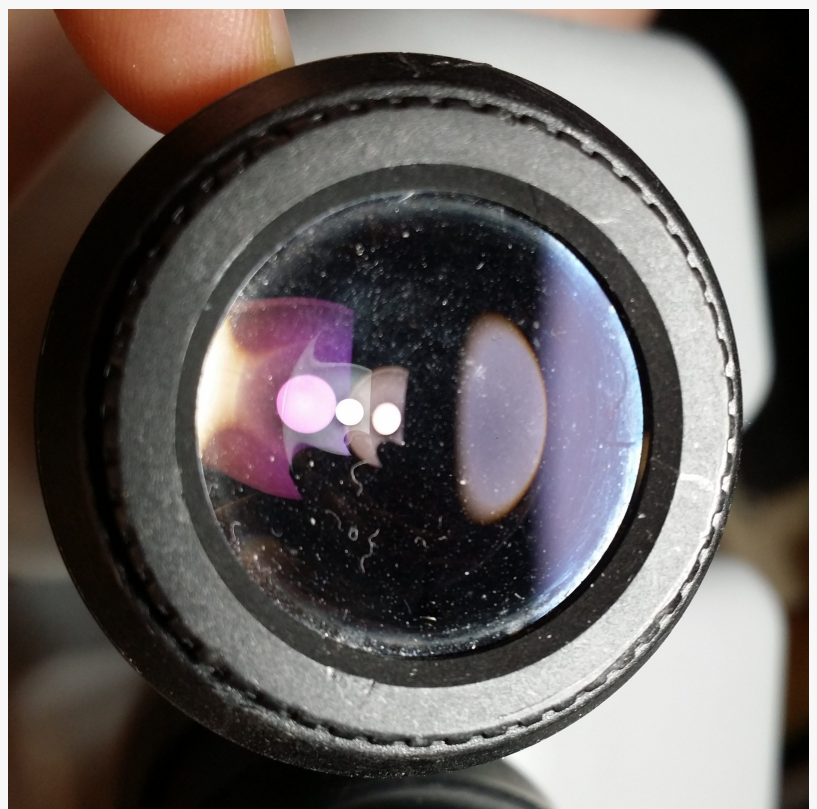


Antireflective Coatings Market to Reach \$8.9 Billion by 2030 Growing CAGR 7.6% | In-Depth Analysis with Top Key Players

Antireflective Coatings Market Top Companies, Global Growth, Trends and Industry Analysis

PORTLAND, OREGON, UNITED STATES, December 9, 2023 /EINPresswire.com/ -- A recent report by Allied Market Research, titled "[Antireflective Coatings Market](#)," reveals that the antireflective coatings market reached a valuation of \$4.3 billion in 2020 and is projected to reach \$8.9 billion by 2030, experiencing a Compound Annual Growth Rate (CAGR) of 7.61% from 2021 to 2030.

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Antireflective coatings, designed as dielectric coatings, aim to reduce reflections and enhance transmission through lenses and other optical surfaces. These coatings influence both transmission and reflection properties across UV, visible, and near-infrared spectral bands. Applications span various industries, including eyewear, electronics, solar panels, and automobiles. Affordable antireflection lenses offer an effective solution to reduce glare from electronic displays, such as computer screens and televisions.

The demand for progressive lenses has surged, driven by the increasing prevalence of presbyopia—a condition where the eye's crystalline lens becomes less flexible with age, making close-range reading challenging. KITS' announcement in March 2021 about offering ultra-thin digital progressive lenses has contributed to higher consumption of antireflective coatings.

Health statistics indicate that myopia affects approximately 23.9% (about 34 million people) of

individuals over 40 in the U.S., while global estimates from the World Health Organization (WHO) report around 2.2 billion people suffering from visual impairments. These numbers signal a growing demand for lenses addressing visual challenges, thereby boosting the need for antireflective coatings.

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The increasing installation of solar panels has further driven the demand for antireflective coatings. However, challenges such as high manufacturing costs and a lack of awareness regarding proper maintenance and usage hinder market growth. On the flip side, emerging opportunities in markets for smartphones, televisions, laptops, electronic devices, and solar panel screens present favorable prospects for the global antireflective coating market.

Raw materials like magnesium fluoride (MgF₂) and fluoropolymers, with favorable physical properties, are crucial in antireflective coating preparation. While magnesium fluoride is cost-effective and commonly used, applying it as a coating poses difficulties. Vacuum deposition technology, a meticulous process involving stringent cleaning and inspection of lenses, is used for applying antireflective coatings on eye lenses. This process, coupled with technical regulations, increases production costs, making antiglare coatings on eye lenses priced between \$40–100 in addition to existing production costs, potentially limiting demand.

Key Benefits for Stakeholders

This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the antireflective coatings market analysis from 2020 to 2030 to identify the prevailing antireflective coatings market opportunities.

The market research is offered along with information related to key drivers, restraints, and opportunities.

Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.

In-depth analysis of the antireflective coatings market segmentation assists to determine the prevailing market opportunities.

Major countries in each region are mapped according to their revenue contribution to the global market.

Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.

The report includes the analysis of the regional as well as global antireflective coatings market trends, key players, market segments, application areas, and market growth strategies.

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The antireflective coatings market is segmented based on technology, application, layer type, and region. Technology categories include vacuum deposition, electronic beam evaporation, sputtering, and others (ion-assisted deposition). Applications cover eyewear, electronics, solar panels, automobiles, and others (telecommunications, telescope, and binocular lenses). Layer types are classified as single-layered and multi-layered. Geographically, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA, with North America holding the largest market share in 2020, driven by high adoption of antireflective coatings products and increased consumption of consumer goods in the region.

The key players operating in the global antireflective coatings market

Essilor International

Carl Zeiss AG

E. I. du Pont de Nemours and Company

Koninklijke DSM N.V

Honeywell International

PPG Industries

Hoya Corporation

Viavi Solutions, Inc

Optical Coatings Japan

and Rodenstock GmbH

IMPACT OF COVID-19 ON THE GLOBAL ANTIREFLECTIVE COATINGS MARKET

Emergence of COVID-19 had less impact on growth of the global antireflective coatings market during the pandemic outbreak period.

This impact is mostly attributed to significant disruptions in the raw material transportation, unavailability of labor, and shutdown of many manufacturing industries.

The decline in demand for many non-essential products and shut down of manufacturing industries created a negative impact on the development of global antireflective coatings market.

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