

# Ultra-thin Glass Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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### Abstracts

Market Overview:

The global ultra-thin glass market size reached US\$ 9.8 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 19.5 Billion by 2028, exhibiting a growth rate (CAGR) of 11.3% during 2023-2028.

Ultra-thin glass has a minimal thickness and excellent barrier and scratch-resistant properties. It is used in cover glasses, substrates for flexible organic light-emitting diode (OLED) displays, camera systems, novel micro-batteries, processors, and fingerprint and biosensors of smartphones. It is also employed in the manufacturing of glass-based batteries that ensure the connection of small devices and sensors without the requirement of a central power supply. Additionally, as it offers advantages like superior optical quality, mechanical resistance, chemical consistency, and temperature stability compared to plastics, metals, or silicon, ultra-thin glass finds extensive applications in consumer electronics, automotive, and healthcare industries worldwide.

#### Ultra-thin Glass Market Trends:

Due to the high-frequency electrical properties of ultra-thin glass, it is increasingly being utilized in the semiconductor industry for transferring data from microchips at the highest transfer rates. This, along with the growing demand for the ultra-thin glass in the automotive industry to design car interiors and sensors, represents one of the key factors driving the market. Moreover, there is a rise in its usage in solar products to enhance the efficiency of the cell while increasing the amount of trapping light inside the solar cell and reducing the incident light reflecting from the solar cell. This, coupled with the escalating demand for smart wearable devices, such as fitness bands and



smartwatches that require heat, water, and weather-resistant display, is propelling the growth of the market. In addition, it is laminated with transparent materials to build strong and lightweight windows. In line with this, the rising use of ultra-thin glass in the production of electrochromic windows that are used in both residential and nonresidential sectors is offering lucrative growth opportunities to industry investors.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global ultra-thin glass market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on thickness type, manufacturing process, application and end use industry.

Breakup by Thickness Type:



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