

Radiation Shielding Glass Market Size, Share & Trend Analysis Report By Type (Lead Glass, Lead Free Glass), By Application (Medical, Industrial), By Region, And Segment Forecasts, 2024 - 2030

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Abstracts

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Radiation Shielding Glass Market Trends

The global radiation shielding glass market size was estimated at USD 1.10 billion in 2023 and is estimated to grow at a CAGR of 5.7% from 2024 to 2030. The increasing adoption of radiation shielding glass is driven by stringent safety regulations across industries such as healthcare, nuclear power, and industrial sectors. Radiation shielding glass is favored for its ability to effectively reduce ionizing radiation, primarily X-rays and gamma rays, due to its composition typically including lead oxide or barium oxide. Its unique properties ensure minimal radiation penetration, reducing exposure risks for personnel and patients in medical imaging facilities, enhancing safety in nuclear power plants, and safeguarding sensitive equipment in industrial settings.

Additionally, the glass maintains transparency, allowing visual inspection and clear communication, thereby combining safety with operational efficiency. These characteristics underscore its broad adoption and preference across diverse applications where radiation protection is paramount.

Global Radiation Shielding Glass Market Report Segmentation

This report forecasts revenue growth at global, country, and regional levels and

provides an analysis of the latest trends in each of the sub-segments from 2018 to 2030. For this study, Grand View Research has segmented the global radiation shielding glass market report based on type, application, and region:

Type Outlook (Revenue, USD Million, 2018 - 2030)

Lead Glass

Lead Free Glass

Application Outlook (Revenue, USD Million, 2018 - 2030)

Medical

Industrial

Others

Regional Outlook (Revenue, USD Million, 2018 - 2030)

North America

U.S.

Canada

Mexico

Europe

Germany

UK

Spain

Russia

Asia Pacific

China

India

Japan

Australia

Central & South America

Brazil

Middle East & Africa

GCC

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