

Specialty Glass Products Technical Reference Document

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Specialty Glass

X-Ray Glass or Radiation Shielding Glass

Description

X-Ray leaded glass is a radiation shielding glass that contains a high content of heavy metallic oxides. The heavy metallic oxides, most notably the lead oxide (PbO), provides the protective qualities against X-rays and Y-rays for use in the medical and technical fields. Despite the high metallic oxide content, Radiation Shielding Glass features high optical transmission, which makes it a perfect fit for view windows for X-ray rooms.

Features

- Protection from X-rays and Y-rays
- Good optical transmission (~85%)

Applications

Control windows for X-ray rooms
Protection windows in materials testing houses, baggage control units, and laboratories

Physical Properties

- Optical Transmission in Visible Spectrum: 86-88%

Dimensions

- Thicknesses: 8 mm
- Sizes: Up to 31" x 29"