

## MSR radiation-shielding glass | mineral

MSR mineral radiation-shielding glass is the ideal solution for hospitals, doctor's offices and medical research laboratory. It is characterized by its minimal glass thickness and its good value for money.

Energy efficiency, radiation-shielding, sound insulation, safety and excellent optics together form an active functional unit.

Sound insulation or security glazing in combination with radiation-shielding glass is available by laminated glass. High lead equivalences > 8 mm Pb will be manufactured as a cast resin compound.

The **MSR insulating glass** offers besides the best possible thermal insulation a lot of advantages through many different benefits, which can be combined.

### Features:

- Protection against gamma or x-ray radiation
- Thin panes of glass despite high protective effect
- Large panes of glass
- Crystal-clear view
- High scratch resistance
- High UV resistance



## Overview dimensions

### Dimensions | fixed

| Art.-nr. | Description | Glass thickness | Pb equivalent | Note   | kg / m <sup>2</sup> | Dimension fixed  |
|----------|-------------|-----------------|---------------|--------|---------------------|------------------|
| 7147     | lead glass  | 8 mm            | 1.5 mm        | 150 KV | 36                  | 1.000 x 1.000 mm |
| 7146     | lead glass  | 9 mm            | 2.0 mm        | 150 KV | 40                  | 300 x 400 mm     |
| 7148     | lead glass  | 10 mm           | 2.0 mm        | 150 KV | 45                  | 1.200 x 1.000 mm |
| 7149     | lead glass  | 13 mm           | 2.5 mm        | 150 KV | 54                  | 1.500 x 1.000 mm |
| 7150     | lead glass  | 14 mm           | 3.0 mm        | 150 KV | 63                  | 1.800 x 1.000 mm |

### Dimensions | variable \*\*

| Art.-nr. | Description | Glass thickness | Pb equivalent | Note          | kg / m <sup>2</sup> | Dimension max.   |
|----------|-------------|-----------------|---------------|---------------|---------------------|------------------|
| 999      | lead glass  | 6 mm            | 0.5 mm        | 60-150 KV     | 20                  | 1.650 x 2.350 mm |
| 256      | lead glass  | 6 mm            | 1.1 mm        | 60-150 KV     | 27                  | 1.200 x 2.600 mm |
| 258      | lead glass  | 7-9 mm          | 2.0 mm        | 60-150 KV     | 40                  | 1.000 x 2.000 mm |
| 259      | lead glass  | 7-9 mm          | 2.0 mm        | 60-150 KV     | 40                  | 1.200 x 2.600 mm |
| 260      | lead glass  | 14/15 mm        | 3.0 mm        | 60-200 KV     | 67                  | 1.200 x 2.600 mm |
| 261      | lead glass  | 14.7 mm         | 5.0 mm        | 511 keV gamma |                     | 1.000 x 1.500 mm |
| 262      | lead glass  | 21.8 mm         | 7.5 mm        | 511 keV gamma |                     | 1.000 x 1.500 mm |

#### \*\* Glass cutting with variable dimensions

Please note: for glass cuttings the next larger standard glass will be calculated.

The standard dimensions are:

800 x 200 mm; 800 x 400 mm until 800 x 2.000 mm in 100 mm steps,  
1.000 x 200 mm; 1.000 x 400 mm until 1.000 x 2.000 mm in 100 mm steps

The delivery times vary subject to our sale between 2 and 12 weeks.

