

EN
GR84*

MAVIG



Article-No.: GR8420 X-ray radiation shielding lead glass with 2.00 mmPb

Made in Germany

GR8420 – Technical Data - Radiation Shielding Lead Glass

High-quality, radiation protection lead glass, in accordance with IEC 61331-2:2014. The Pb values have been measured at 150 kV. Non-standard sizes, cuts and other lead equivalents available upon request.

- **Optical properties** Refractive index n_d at 20°C (annealed at 40°C/h) 1.79
Luminous transmittance (d = 5.0 mm) 85 %
- **Chemical properties** Hydrolytic resistance according to DIN ISO 719 HGB 1
Lead oxide content (PbO) ≥ 65 %
Heavy metal oxide content in total ≥ 70 %
- **Mechanical properties** Density in g/cm³ (delivered condition) ≥ 5.05
- **Processing** The surface of the glass is polished and all edges are chamfered.

Thickness in mm	Attenuation equivalent in mmPb at a tube voltage of:					Max. Weight in kg/m ²
	80 kV	100 kV	110 kV	150 kV	200 kV	
7.0 - 9.0	≥ 2.1	≥ 2.1	≥ 2.1	≥ 2.1	≥ 2.1	45

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