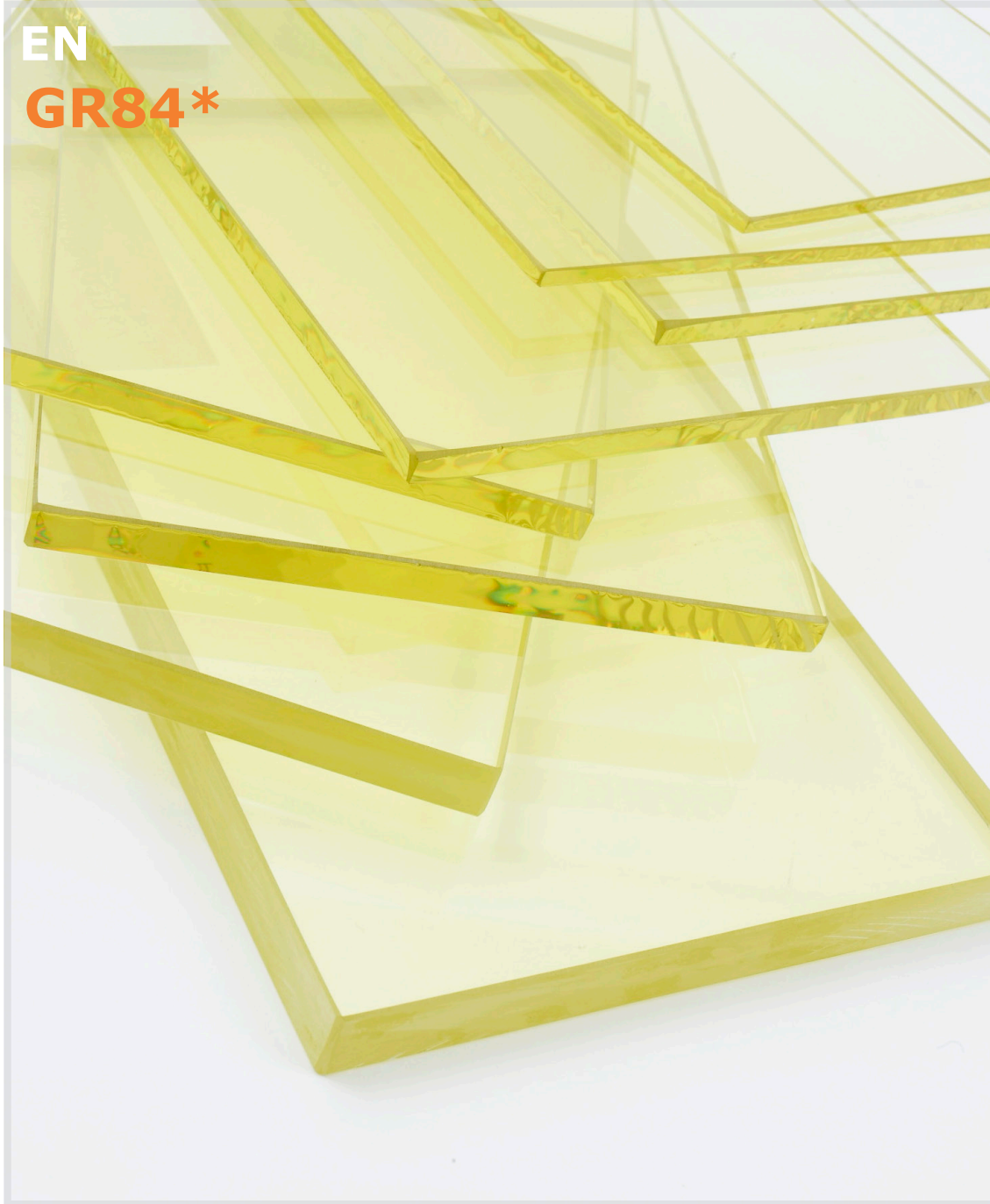


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GR84\*

MAVIG



Article-No.: GR8405 X-ray radiation shielding lead glass with 0.50 mmPb (only for mammography/analytic devices)

Made in Germany

## GR8405 – Technical Data - Radiation Shielding Lead Glass

Radiation protection lead glass (0.50 mmPb) only for mammography and analytic devices. The Pb values have been measured at 120 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) 1.579  
Luminous transmittance (d = 6.0 mm) 90.5 %
- **Chemical properties** Hydrolytic resistance according to DIN ISO 719 HGB 3  
Lead oxide content (PbO)  $\geq 22$  %  
Heavy metal oxide content in total  $\geq 23$  %
- **Mechanical properties** Density in g/cm<sup>3</sup> (delivered condition)  $\geq 3.13$
- **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 <sup>2</sup>
	50 kV	56 kV	76 kV	80 kV	110 kV	150 kV	
6.0 ± 0.25	≥ 0.5	≥ 0.5	≥ 0.5	≥ 0.5	≥ 0.5	≥ 0.5	20

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