

Platec Group Ltd

PT-ZF3 X-RAY SHIELDING GLASS

Introduction

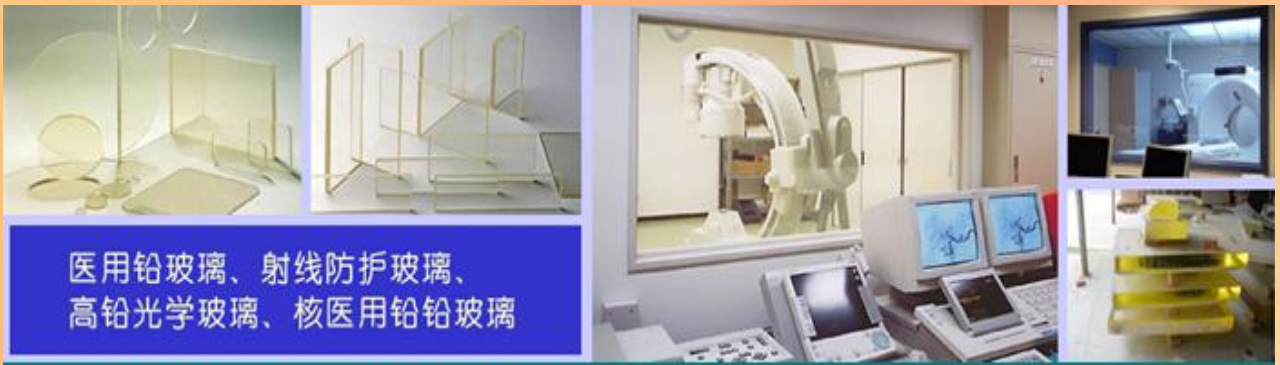
Properties

Technique

Packing

Introduction

- PT-ZF3 is the lead glass of high optical grade with over 56% lead content. It offers high light transmission and does not discolor due to radiation. The hard polished surfaces have greater resistance to scratching.
- Radiation Protection Products' Lead Glass is suitable for installation in screens, windows, and doors. Our Lead Glass allows technicians to view the imaging or radiation therapy procedures.



X-RAY PROTECTION GLASS

Factory: No 1 Chang Xin Road, High-tech Zone, Ji Nan. • Sales office: No 75 Fu Zhou South Road, Qingdao, China
Phone +86 532 66776964 Fax +86 532 85972025 • Internet Address: <http://www.ptleadglass.com>

Properties

- Minimum density: 4.46
- Refractive index (Nd): 1.69
- Light Transmission: $\geq 89\%$
- Thermal expansion coefficient: $80 \times 10^{-7} / ^\circ \text{C}$ (30-380 $^\circ$)
- Mohs' hardness: 6
- Max size(mm): 2600 X 1220

Thickness (mm)	8mm	10mm	12mm
Lead Equivalent (mmPb)	1.8mmpb	2.3mmpb	2.7mmpb
X-Ray Tube Peak (kV)	150	150	150
Lead Content	56%	56%	56%
Minimum Density (gm/cm ³)	4.46	4.46	4.46

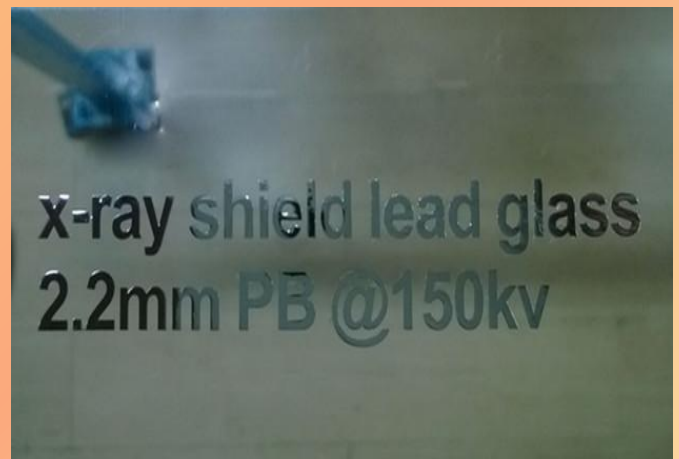
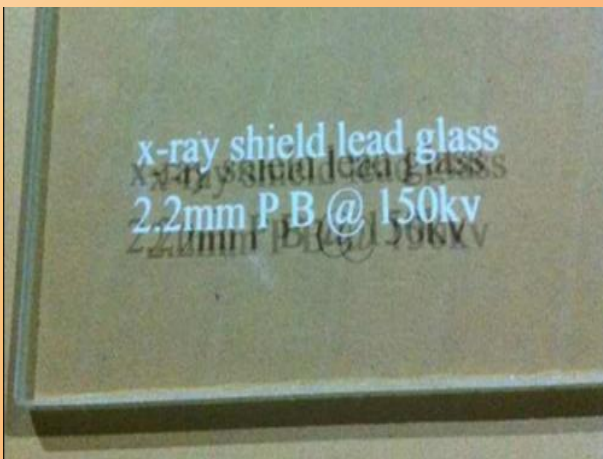
Technique

- **SAFETY COATINGS**
- For safety purpose and to protect lead glass, we stick safety coating on ZF3 lead glass. We use the finest 3M film operated in special dust-free workshop.



Technique

- **LEAD EQUIVALENCE MARK**
- We can mark the relevant lead equivalence on lead glass as requested.



Technique

- **SUPER SIZE GLASS**
- Our largest size is 2600x1200mm, if larger size needed, we could bevel 45 degree on the edge for easy jointing together to prevent X-ray leakage.



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Packing

- **FIRM PACKING WITH SHOCKWATCH**
- Lead glass is expensive and fragile; Platec ensures the safest packing and uses Shock Watch to monitor the transportation process.

