

## LX-57B X-Ray Shielding Glass

LX-57B X-Ray Shielding Lead Glass offers excellent radiation protection and superb visual clarity. The polished surfaces are scratch resistant, and LX-57B does not discolor due to radiation. LX-57B is high quality optical grade, lead barium type, X-Ray Shielding Lead Glass that consists of over 60% heavy metal oxide that includes a minimum of 55% PbO. LX-57B comes in a variety of thicknesses: LX7 (1/4" / 7 mm) is used in most X-ray radiation applications. LX9 (3/8" / 9 mm), LX14 (9/16" / 14 mm), LX15 (9/16" / 15 mm), and LX17 (11/16" / 17 mm) are used when greater protection is required, for example, in cancer/fluoroscopic treatment facilities. For safety requirements, LX57B is available in a variety of safety-rated configurations.



## APPLICATIONS

- Medical Facilities
- Laboratories
- Airports
- Screens for Radiation Protection

	LX7	LX7 NT	LX7 LAMINATED	LX9	LX9 NT	LX9 LAMINATED	LX14	LX15	LX17
<b>Thickness</b>	1/4" (7 mm)	1/4" (7 mm)	7/16" (11 mm)	3/8" (9 mm)	3/8" (9 mm)	1/2" (13 mm)	9/16" (14 mm)	9/16" (15 mm)	11/16" (17 mm)
<b>Lead Equiv. (mmPb)</b>	1.6	1.6	1.6	2	2	2	3	3	3.2
<b>Minimum Density</b>	0.06 oz/in <sup>3</sup> (4.36 gm/cm <sup>3</sup> )	0.06 oz/in <sup>3</sup> (4.36 gm/cm <sup>3</sup> )	0.06 oz/in <sup>3</sup> (4.36 gm/cm <sup>3</sup> )	0.06 oz/in <sup>3</sup> (4.36 gm/cm <sup>3</sup> )	0.06 oz/in <sup>3</sup> (4.36 gm/cm <sup>3</sup> )	0.06 oz/in <sup>3</sup> (4.36 gm/cm <sup>3</sup> )	0.06 oz/in <sup>3</sup> (4.36 gm/cm <sup>3</sup> )	0.06 oz/in <sup>3</sup> (4.36 gm/cm <sup>3</sup> )	0.06 oz/in <sup>3</sup> (4.36 gm/cm <sup>3</sup> )
<b>Weight</b>	6.55 lb/ft <sup>2</sup> (32.0 kg/m <sup>2</sup> )	6.55 lb/ft <sup>2</sup> (32.0 kg/m <sup>2</sup> )	7.58 lb/ft <sup>2</sup> (37.0 kg/m <sup>2</sup> )	8.19 lb/ft <sup>2</sup> (40.0 kg/m <sup>2</sup> )	8.19 lb/ft <sup>2</sup> (40.0 kg/m <sup>2</sup> )	9.46 lb/ft <sup>2</sup> (46.2 kg/m <sup>2</sup> )	12.56 lb/ft <sup>2</sup> (61.3 kg/m <sup>2</sup> )	13.11 lb/ft <sup>2</sup> (64.0 kg/m <sup>2</sup> )	14.46 lb/ft <sup>2</sup> (70.6 kg/m <sup>2</sup> )
<b>X-Ray Peak Voltage (KV)</b>	150	150	150	150	150	150	200	200	200
<b>Max. Available Sheet Size</b>	48" x 96" (1,220 mm x 2,440 mm)	48" x 96" (1,220 mm x 2,440 mm)	48" x 96" (1,220 mm x 2,440 mm)	48" x 96" (1,220 mm x 2,440 mm)	48" x 96" (1,220 mm x 2,440 mm)	48" x 96" (1,220 mm x 2,440 mm)	48" x 96" (1,220 mm x 2,440 mm)	48" x 96" (1,220 mm x 2,440 mm)	48" x 96" (1,220 mm x 2,440 mm)
<b>CAT I (Filmed)</b>	N/A	1,296 in <sup>2</sup> (.84 m <sup>2</sup> ) (max. size)	N/A	N/A	1,296 in <sup>2</sup> (.84 m <sup>2</sup> ) (max. size)	N/A	N/A	N/A	N/A
<b>CAT II (Laminated)</b>	N/A	N/A	Yes	N/A	N/A	Yes	N/A	Yes	N/A (No Test Data)

LX7 may be installed in a double assembly for greater protection. Please call for further details.