

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
Thickness	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)
Lead Equiv. (mmPb)	1.6	1.6	1.6	2	2	2	3	3	3.2
Minimum Density	0.06 oz/in ³ (4.36 gm/cm ³)	0.06 oz/in ³ (4.36 gm/cm ³)	0.06 oz/in ³ (4.36 gm/cm ³)	0.06 oz/in ³ (4.36 gm/cm ³)	0.06 oz/in ³ (4.36 gm/cm ³)	0.06 oz/in ³ (4.36 gm/cm ³)	0.06 oz/in ³ (4.36 gm/cm ³)	0.06 oz/in ³ (4.36 gm/cm ³)	0.06 oz/in ³ (4.36 gm/cm ³)
Weight	6.55 lb/ft ² (32.0 kg/m ²)	6.55 lb/ft ² (32.0 kg/m ²)	7.58 lb/ft ² (37.0 kg/m ²)	8.19 lb/ft ² (40.0 kg/m ²)	8.19 lb/ft ² (40.0 kg/m ²)	9.46 lb/ft ² (46.2 kg/m ²)	12.56 lb/ft ² (61.3 kg/m ²)	13.11 lb/ft ² (64.0 kg/m ²)	14.46 lb/ft ² (70.6 kg/m ²)
X-Ray Peak Voltage (KV)	150	150	150	150	150	150	200	200	200
Max. Available Sheet Size	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" (1,100 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)
CAT I (Filmed)	N/A	1,296 in ² (.84 m ²) (max. size)	N/A	N/A	1,296 in ² (.84 m ²) (max. size)	N/A	N/A	N/A	N/A
CAT II (Laminated)	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.