



PROTECH LEADED EYEWEAR INC,  
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# PRODUCT SPECIFICATIONS

## FULL MOBILE GLASS BARRIER

### 1. PRODUCT DETAILS

**DESCRIPTION:** **Model:** MB-FULL-GL  
**Dimensions (overall):** 72" H x 28" W x 24" D  
**Dimensions (window):** 55" H x 28" W  
**Key Components:** Glass, Lead Oxide (PbO), Aluminum  
**Lead Equivalence (glass):** 2.00mm LE @150kV Narrow Beam Geometry  
**Lead Equivalence (base):** 0.50mm LE @150kV Narrow Beam Geometry  
**Glass Thickness:** 8mm (+/-1mm) | +2mm lamination

**COMPLIANCE:** **EN 61331-1:2014: (EU)** Protective devices against Diagnostic Medical X-ray radiation. (Determination of attenuation properties of material)  
**ASTM 2547-18: (USA)** Standard test method for determining the attenuation properties in a primary x-ray beam of materials used against radiation.

**INTENDED USE:** Lead-lined glass is a specialized type of annealed glass that incorporates lead oxide and other heavy metals with the purpose of providing effective protection against radiation by absorbing the energy emitted by the radiation source. The primary function of lead glass is to safeguard x-ray technicians, bystanders, and researchers working in medical facilities. It acts as a protective barrier against gamma and x-ray radiation in a range of medical imaging procedures, including general x-ray rooms, PET scanners, CT scanners, and panoramic x-rays.

The clear, leaded glass barrier can provide total-body x-ray shielding during extended procedures. Our full mobile glass barrier features CORNING lead glass and provides 2.00mm LE protection while resting on an opaque, aluminum lower panel with a protection of 0.50mm LE. Smooth-rolling, lockable casters give the barrier great mobility. The lead barrier is shipped unassembled but can be easily assembled using a screwdriver and wrench. Shipping weight is approximately 400 lbs. Full mobile acrylic barrier also available.

