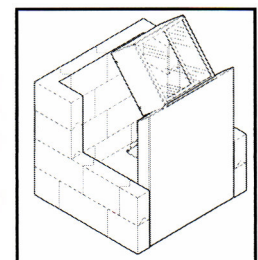
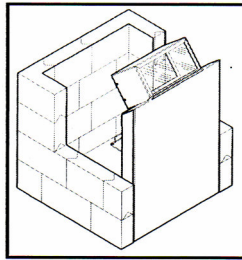


# L-BLOCK SHIELDS

*For handling unit doses of high-energy radionuclides*



**Easy Assembly – no component weighs more than 50 pounds.**



**042-428 L-Block Shield**

**042-419 L-Block Shield**

**FEATURES:**

- **Lead shielding:**  
     *1.5" thickness in front*  
     *1" thickness in base*
- **Lead glass window choices:**  
     *8" x 4" x 4"*  
     *8" x 8" x 4"*
- **Installs easily**
- **Optional Lead Brick Cave for complete lateral shielding**

Designed for receiving and preparing unit doses of high-energy radionuclides, these L-Blocks provide 1.5-inch thick lead shielding in front, and 1-inch thick lead in the base. The L-Block may be ordered with either an 8"x4"x4" or 8"x8"x4" lead glass window. A special plate with a hex-shaped recess is mounted on the base to facilitate one-handed loading and unloading of dose pigs incorporating hex-shaped bottoms. The optional Lead Brick Cave (042-425) may be added to provide lateral shielding around the full perimeter of the L-Block's base. These L-Blocks are shipped in modular form for easy installation without lifting equipment. No component weighs more than 50 pounds. After placing the base frame in its location, pre-cut lead sheets are loaded into the horizontal and vertical portions of the steel frame. The window module is mounted, and assembly is completed by securing window unit and steel end cap with four Phillips head screws. A Phillips screwdriver is the only tool needed. Assembly instructions are provided.

**SPECIFICATIONS:**

**042-428 L-Block Shield (8" x 4" x 4" window)**  
**Dimensions:** 14" w x 15" d x 21.6" h (36 x 38 x 55 cm) **Lead Shielding:**  
     **Front:** 1.5" (3.8 cm) thick  
     **Base:** 1" (2.5 cm) thick  
**Lead Glass Window:**  
     **Dimensions:** 8" w x 4" h x 4" thick (20 x 10 x 10 cm)  
     **Density:** 5.2 g/cm<sup>3</sup>  
**Finish:** Powder coat  
**Weight:** 270 lb (122 kg)

**042-419 L-Block Shield (8" x 8" x 4" window)**  
**Dimensions:** 14" w x 15" d x 24.7" h (36 x 38 x 62 cm) **Lead Shielding:**  
     **Front:** 1.5" (3.8 cm) thick  
     **Base:** 1" (2.5 cm) thick  
**Lead Glass Window:**  
     **Dimensions:** 8" w x 8" h x 4" thick (20 x 20 x 10 cm)  
     **Density:** 5.2 g/cm<sup>3</sup>  
**Finish:** Powder coat  
**Weight:** 290 lb (131 kg)

**042-425 Interlocking Lead Brick Cave**  
**Dimensions:** (I.D. working area with L-Block Shield)  
 14" w x 12.82" depth x 13.82" h (35 x 32.05 x 34.55 cm)  
**Lead Shielding:** 2" thick (5 cm)  
**Finish:** Paint  
**Weight:** 492 lb (223 kg)

**042-407 Steel Table**  
**Dimensions:** 36.75" w x 24" d x 36" h (93.5 x 61 x 91.5 cm)  
**Shipping Weight:** 195 lb (88 kg)

**042-428** L-Block Shield, 1.5" lead ..... \$2,995.00  
     *With 8" x 4" x 4" lead glass window*  
**042-419** L-Block Shield, 1.5" lead ..... 3,650.00  
     *With 8" x 8" x 4" lead glass window.*

**Related:**

**042-425** Lead Brick Cave, 3-wall, 2" lead ..... \$2,250.00  
     *Fits 042-428 and 042-419 L-Block Shields.*  
**042-407** Table, Steel ..... 1,295.00

*Prices subject to change without notice.*

*www.jgravengaard.com 2007-07-09*