Vial Shields

Tungsten Vial Shield

- Virtually unbreakable
- Safe handling of radioactive liquids

The Tungsten Vial Shield is designed to greatly reduce exposure to vials containing liquid radioisotopes. The shield is constructed of .19" (.48 cm) thick tungsten, equivalent to .38" (1 cm) lead at 150 keV.

Vials can be loaded from the top or bottom of the shield. A loss-proof slide injection port on the top allows easy access to the vial septum.

The tough tungsten will retain its shape under the roughest handling and is virtually unbreakable.

Specifications

- Dimensions: 1.44" dia x 2.8" h (3.7 x 7 cm)- I.D.: 1" x 2.25" (2.5 x 5.7 cm)
- Lead Equivalency: .38" (1 cm)
- Weight: 1.65 lb (0.75 kg)

Tungsten Vial Shield

Vial Shield For Boiling

For heated preparation of Sulphur Colloid, MAG-3, Cardiolite, Acutect and Neotect.

This Vial Shield is designed to aid in preparation of radiopharmaceuticals that require boiling.

Vents are located to minimize scatter leakage, boiling water can circulate freely around the vial, heating the solution rapidly and uniformly. The carrying handle makes it easy to lower and remove the vial from the boiling water bath.

The vial is constructed of lead .25" (.64 cm) thick. A 5.6 density flush mounted lead glass window provides protection and visibility. The radiation level for 25 mCi of Tc-99m is reduced to background.

Specifications

- Dimensions: 2" dia x 3.875" h (5 x 9.8 cm)
- Lead Shielding: .25" thick (.64 cm)
- Accommodates Vial Sizes: up to 1.5" dia x 3.125" h (3.8 x 7.9 cm)
- Weight (including handle): 3 lb (1.4 kg)

Vial Shield For Boiling