

Lead Radiation Shielding Products by Medi-RayTM

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Lead Shielding

- [Lead shielding](#) refers to the use of lead to shield or protect people or object from any radiation.
- Because of its high density and high atomic number, lead can effectively fade certain kinds of radiation.
- And that's why lead is used as radiation protection in applications ranging from x-ray imaging and PET rooms to nuclear reactors.



Since 1974, Medi-Ray™'s has been the largest supplier of radio-pharmaceutical **shipping containers**. Medi-Ray™ is mainly known for shielding radioactive products, X-ray, PET, CT or MRI equipment. Lead is used for shielding of radioactive products.

Generator Shields

- Used for the on-site conversion of saline solutions into usable dosages of radiopharmaceuticals.



Sheet Lead

- Sheet lead shielding material is available in thin antimonial lead foils that adapt well to thin contoured applications such as electrical shielding.



PET Scanner Shielding

- Medi-Ray™ is currently working with industry experts to develop a unique syringe shielding and transport apparatus specifically designed to meet the heavier shielding demands of PET scanning.



Lead Lining

- Medi-Ray™'s line of adhesive-backed lead sheeting enables a manufacturer to construct a custom shielded container by simply cutting the sheet lead with scissors or a razor knife and applying it to foam packing material.



Lead Stamping

- Stamping provides an excellent alternative for both prototype and production size quantities.
- Medi-Ray™ concentrates on stamping lead thicknesses from .020" to .125 " in stamping applications.



Lead Extrusions

- Medi-Ray™'s custom production machines can provide extrusions in numerous shapes and sizes.



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