

X-Ray Shielding by Medi-Ray™

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X-rays are an important part of medical technology and are an indispensable tool for monitoring and diagnosing medical conditions. Despite the benefits of x-ray imaging, it can cause cancer or other medical complications unless the proper protection is in place.

Lead Shielding for Medi-Ray™

- [Lead shielding](#) for radiation is a useful tool in accomplishing radiation protection for x-ray applications used in medical technology.
- Utilizing lead castings, sheet lead and lead foil, Medi-Ray™ has developed clinic, laboratory and medical office products for all x-ray applications.

Lead Shielding for Medi-Ray™

- Lead x-ray shields offer advanced protection to guard specific body parts on the patient or technician during x-ray procedures.
- X-ray shielding can be done using lead sheets of 2 mm thickness. Mobile x-ray barriers can be mounted on wheels and moved around.





Medi-Ray's lead components are utilized in a wide variety of security environments from port security to air-line baggage, mail and freight applications. Medi-Ray's goal is to simplify the prototype to production process and maintain the highest level of quality.

Radiation Safety Measures

- Reducing the time of exposure as this reduces the dose proportionally.
- Increasing distance to reduce dose. This can be done by making use of forceps to handle a source rather than using the fingers.
- Shielding to reduce radiation to a level that is suitable for humans. Shielding can be done by placing a mass of absorbing material around the radioactive source.

Lead Radiation Shielding

- Shielding may include lead sheets in the walls surrounding an x-ray room, lead glass or screens on the viewing room for operator safety, and lead aprons for patients to wear.



Lead Radiation Shielding

- Lead is used to produce X-Ray shielded products ranging from lead syringe shielding, shipping containers, laboratory accessories, [lead sheet](#), [lead bricks](#) etc.
- Lead containers are also available for shielding instruments from x-rays.



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